

# 2018 Current Fiscal Year Report: Proposal Review Panel for Civil, Mechanical, and Manufacturing Innovation

Report Run Date: 06/06/2019 12:34:44 AM

## 1. Department or Agency

National Science Foundation

## 2. Fiscal Year

2018

## 3. Committee or Subcommittee

Proposal Review Panel for Civil, Mechanical, and Manufacturing Innovation

## 3b. GSA

## Committee No.

1194

## 4. Is this New During Fiscal Year?

No

## 5. Current Charter

06/29/2018

## 6. Expected Renewal Date

06/29/2020

## 7. Expected Term Date

## 8a. Was Terminated During Fiscal Year?

No

## 8b. Specific Termination Authority

## 8c. Actual Term Date

## 9. Agency Recommendation for Next Fiscal Year

Continue

## 10a. Legislation Req to Terminate?

No

## 10b. Legislation Pending?

Not Applicable

## 11. Establishment Authority

Agency Authority

## 12. Specific Establishment Authority

ADM IV-100

## 13. Effective Date

08/16/1990

## 14. Committee Type

Continuing

## 14c.

## Presidential?

No

## 15. Description of Committee

Grant Review Committee

## 16a. Total Number of Reports

No Reports for this Fiscal Year

## 17a. Open 0 17b. Closed 192 17c. Partially Closed 0 Other Activities 0 17d. Total 192

## Meetings and Dates

| Purpose         | Start      | End          |
|-----------------|------------|--------------|
| Proposal Review | 10/10/2017 | - 10/10/2017 |
| Proposal Review | 10/11/2017 | - 10/11/2017 |
| Proposal Review | 10/12/2017 | - 10/12/2017 |
| Proposal Review | 10/13/2017 | - 10/13/2017 |
| Proposal Review | 10/13/2017 | - 10/13/2017 |
| Proposal Review | 10/16/2017 | - 10/16/2017 |
| Proposal Review | 10/16/2017 | - 10/16/2017 |
| Proposal Review | 10/16/2017 | - 10/17/2017 |
| Proposal Review | 10/18/2017 | - 10/18/2017 |
| Proposal Review | 10/19/2017 | - 10/20/2017 |
| Proposal Review | 10/19/2017 | - 10/20/2017 |
| Proposal Review | 10/19/2017 | - 10/20/2017 |
| Proposal Review | 10/20/2017 | - 10/20/2017 |
| Proposal Review | 10/20/2017 | - 10/20/2017 |
| Proposal Review | 10/20/2017 | - 10/20/2017 |
| Proposal Review | 10/23/2017 | - 10/24/2017 |
| Proposal Review | 10/26/2017 | - 10/27/2017 |

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|-----------------|------------|--------------|
| Proposal Review | 12/18/2017 | - 12/19/2017 |
| Proposal Review | 12/18/2017 | - 12/19/2017 |
| Proposal Review | 12/18/2017 | - 04/16/2018 |
| Proposal Review | 12/19/2017 | - 12/19/2017 |
| Proposal Review | 12/19/2017 | - 12/19/2017 |
| Proposal Review | 12/19/2017 | - 12/19/2017 |
| Proposal Review | 12/20/2017 | - 12/21/2017 |
| Proposal Review | 01/04/2018 | - 01/04/2018 |
| Proposal Review | 01/04/2018 | - 01/05/2018 |
| Proposal Review | 01/08/2018 | - 01/08/2018 |
| Proposal Review | 01/09/2018 | - 01/10/2018 |
| Proposal Review | 01/11/2018 | - 01/12/2018 |
| Proposal Review | 01/11/2018 | - 01/12/2018 |
| Proposal Review | 01/18/2018 | - 01/19/2018 |
| Proposal Review | 01/18/2018 | - 01/19/2018 |
| Proposal Review | 01/19/2018 | - 01/19/2018 |
| Proposal Review | 01/22/2018 | - 01/22/2018 |
| Proposal Review | 01/26/2018 | - 01/26/2018 |
| Proposal Review | 01/26/2018 | - 01/26/2018 |
| Proposal Review | 03/05/2018 | - 03/05/2018 |
| Proposal Review | 03/08/2018 | - 03/09/2018 |
| Proposal Review | 03/14/2018 | - 03/14/2018 |
| Proposal Review | 03/15/2018 | - 03/16/2018 |
| Proposal Review | 03/19/2018 | - 03/19/2018 |
| Proposal Review | 03/19/2018 | - 03/20/2018 |
| Proposal Review | 03/20/2018 | - 03/21/2018 |
| Proposal Review | 03/21/2018 | - 03/21/2018 |
| Proposal Review | 03/22/2018 | - 03/23/2018 |
| Proposal Review | 03/23/2018 | - 03/23/2018 |
| Proposal Review | 03/28/2018 | - 03/28/2018 |
| Proposal Review | 03/29/2018 | - 03/30/2018 |
| Proposal Review | 04/02/2018 | - 04/03/2018 |
| Proposal Review | 04/04/2018 | - 04/04/2018 |
| Proposal Review | 04/04/2018 | - 04/04/2018 |
| Proposal Review | 04/04/2018 | - 04/04/2018 |
| Proposal Review | 04/05/2018 | - 04/05/2018 |
| Proposal Review | 04/06/2018 | - 04/06/2018 |
| Proposal Review | 04/09/2018 | - 04/09/2018 |
| Proposal Review | 04/10/2018 | - 04/11/2018 |
| Proposal Review | 04/11/2018 | - 04/11/2018 |
| Proposal Review | 04/11/2018 | - 04/11/2018 |
| Proposal Review | 04/12/2018 | - 04/13/2018 |
| Proposal Review | 04/12/2018 | - 04/13/2018 |
| Proposal Review | 04/16/2018 | - 04/16/2018 |
| Proposal Review | 04/16/2018 | - 04/16/2018 |
| Proposal Review | 04/16/2018 | - 04/16/2018 |
| Proposal Review | 04/16/2018 | - 04/17/2018 |
| Proposal Review | 04/17/2018 | - 04/17/2018 |
| Proposal Review | 04/17/2018 | - 04/18/2018 |
| Proposal Review | 04/18/2018 | - 04/18/2018 |
| Proposal Review | 04/18/2018 | - 04/18/2018 |
| Proposal Review | 04/18/2018 | - 04/18/2018 |
| Proposal Review | 04/18/2018 | - 04/18/2018 |
| Proposal Review | 04/19/2018 | - 04/19/2018 |
| Proposal Review | 04/19/2018 | - 04/19/2018 |
| Proposal Review | 04/20/2018 | - 04/20/2018 |
| Proposal Review | 04/23/2018 | - 04/23/2018 |
| Proposal Review | 04/23/2018 | - 04/23/2018 |

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| Proposal Review | 04/23/2018 | - 04/24/2018 |
| Proposal Review | 04/24/2018 | - 04/24/2018 |
| Proposal Review | 04/24/2018 | - 04/24/2018 |
| Proposal Review | 04/24/2018 | - 04/25/2018 |
| Proposal Review | 04/25/2018 | - 04/25/2018 |
| Proposal Review | 04/25/2018 | - 04/25/2018 |
| Proposal Review | 04/25/2018 | - 04/25/2018 |
| Proposal Review | 04/25/2018 | - 04/26/2018 |
| Proposal Review | 04/26/2018 | - 04/26/2018 |
| Proposal Review | 04/26/2018 | - 04/27/2018 |
| Proposal Review | 04/27/2018 | - 04/27/2018 |
| Proposal Review | 04/30/2018 | - 04/30/2018 |
| Proposal Review | 04/30/2018 | - 04/30/2018 |
| Proposal Review | 04/30/2018 | - 05/01/2018 |
| Proposal Review | 05/01/2018 | - 05/01/2018 |
| Proposal Review | 05/02/2018 | - 05/02/2018 |
| Proposal Review | 05/02/2018 | - 05/02/2018 |
| Proposal Review | 05/02/2018 | - 05/03/2018 |
| Proposal Review | 05/03/2018 | - 05/04/2018 |
| Proposal Review | 05/04/2018 | - 05/04/2018 |
| Proposal Review | 05/07/2018 | - 05/07/2018 |
| Proposal Review | 05/07/2018 | - 05/08/2018 |
| Proposal Review | 05/10/2018 | - 05/10/2018 |
| Proposal Review | 05/11/2018 | - 05/11/2018 |
| Proposal Review | 05/14/2018 | - 05/14/2018 |
| Proposal Review | 05/14/2018 | - 05/14/2018 |
| Proposal Review | 05/15/2018 | - 05/15/2018 |
| Proposal Review | 05/17/2018 | - 05/17/2018 |
| Proposal Review | 05/17/2018 | - 05/18/2018 |
| Proposal Review | 05/18/2018 | - 05/18/2018 |
| Proposal Review | 05/18/2018 | - 05/18/2018 |
| Proposal Review | 05/21/2018 | - 05/21/2018 |
| Proposal Review | 05/22/2018 | - 05/22/2018 |
| Proposal Review | 05/22/2018 | - 05/23/2018 |
| Proposal Review | 05/23/2018 | - 05/24/2018 |
| Proposal Review | 05/23/2018 | - 05/24/2018 |
| Proposal Review | 06/01/2018 | - 06/01/2018 |
| Proposal Review | 06/04/2018 | - 06/04/2018 |
| Proposal Review | 06/05/2018 | - 06/06/2018 |
| Proposal Review | 06/18/2018 | - 06/18/2018 |
| Proposal Review | 06/19/2018 | - 06/19/2018 |
| Proposal Review | 06/20/2018 | - 06/20/2018 |
| Proposal Review | 06/21/2018 | - 06/21/2018 |
| Proposal Review | 07/09/2018 | - 07/10/2018 |
| Proposal Review | 07/10/2018 | - 07/12/2018 |
| Proposal Review | 07/12/2018 | - 07/13/2018 |
| Proposal Review | 09/06/2018 | - 09/06/2018 |
| Proposal Review | 09/06/2018 | - 09/07/2018 |
| Proposal Review | 09/10/2018 | - 09/11/2018 |
| Proposal Review | 09/10/2018 | - 09/11/2018 |
| Proposal Review | 09/10/2018 | - 09/11/2018 |
| Proposal Review | 09/13/2018 | - 09/14/2018 |
| Proposal Review | 09/17/2018 | - 09/18/2018 |
| Proposal Review | 09/24/2018 | - 09/24/2018 |
| Proposal Review | 09/24/2018 | - 09/25/2018 |
| Proposal Review | 09/25/2018 | - 09/25/2018 |
| Proposal Review | 09/25/2018 | - 09/25/2018 |
| Proposal Review | 09/27/2018 | - 09/27/2018 |

**Number of Committee Meetings Listed: 192**

|   | <b>Current FY</b> | <b>Next FY</b> |
|---|-------------------|----------------|
| <b>18a(1). Personnel Pmts to Non-Federal Members</b>                  | \$1,330,960.00    | \$1,342,000.00 |
| <b>18a(2). Personnel Pmts to Federal Members</b>                      | \$0.00            | \$0.00         |
| <b>18a(3). Personnel Pmts to Federal Staff</b>                        | \$583,540.00      | \$583,000.00   |
| <b>18a(4). Personnel Pmts to Non-Member Consultants</b>               | \$0.00            | \$0.00         |
| <b>18b(1). Travel and Per Diem to Non-Federal Members</b>             | \$652,897.00      | \$652,000.00   |
| <b>18b(2). Travel and Per Diem to Federal Members</b>                 | \$13,407.00       | \$0.00         |
| <b>18b(3). Travel and Per Diem to Federal Staff</b>                   | \$0.00            | \$0.00         |
| <b>18b(4). Travel and Per Diem to Non-member Consultants</b>          | \$0.00            | \$0.00         |
| <b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b> | \$71,254.00       | \$72,000.00    |
| <b>18d. Total</b>   | \$2,652,058.00    | \$2,649,000.00 |
| <b>19. Federal Staff Support Years (FTE)</b>                          | 4.00              | 4.00           |

**20a. How does the Committee accomplish its purpose?**

These panels reviewed approximately 3,631 unsolicited proposals submitted to the six Division program elements as well as submissions in response to special initiatives (i.e., EPA/NSF, NSF/DARPA initiatives, etc.) and NSF-wide annual solicitations (CAREER, REG, MRI, SBIR, NIRT, NER, NSEC). These panels review and make recommendations for the disposition of 95% of the proposals received in the Division. The other 5% are mail reviewed and, in special cases, internally reviewed.

**20b. How does the Committee balance its membership?**

Membership in all panels reflects an appropriate mix of academic and industrial expertise in accordance with each program area. Efforts are also made to reflect an appropriate balance of women, minorities and disabled members, as well as geographic representation.

**20c. How frequent and relevant are the Committee Meetings?**

During FY18 over 190 review proposal panels were held to review these proposals.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The only other option for the proposal review process is mail review. This option is not feasible given the current volume of proposals received in the Division of Design and Manufacturing Systems. Further, it is our assessment that providing the opportunity for reviewers to discuss and compare proposals improves the quality of the review process.

## 20e. Why is it necessary to close and/or partially closed committee meetings?

To review proposals that included information of a proprietary nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals.

## 21. Remarks

None

## Designated Federal Officer

Mary Toney Division Director, CMMI

| Committee Members      | Start      | End        | Occupation  | Member Designation                       |
|------------------------|------------|------------|---|--|
| Abbas, Ali             | 10/01/2017 | 09/30/2018 | University of Southern California                     | Special Government Employee (SGE) Member |
| Abdallah, Moatassem    | 10/01/2017 | 09/30/2018 | University of Colorado at Denver                      | Special Government Employee (SGE) Member |
| Abdelkefi, Abdessattar | 10/01/2017 | 09/30/2018 | NEW MEXICO STATE UNIVERSITY                           | Special Government Employee (SGE) Member |
| Abdolrahim, Niaz       | 10/01/2017 | 09/30/2018 | University of Rochester                               | Special Government Employee (SGE) Member |
| Abdoun, Tarek          | 10/01/2017 | 09/30/2018 | Rensselaer Polytech Inst                              | Special Government Employee (SGE) Member |
| Abedi, Sara            | 10/01/2017 | 09/30/2018 | Texas A&m University Main Campus                      | Special Government Employee (SGE) Member |
| Abraham, Dulcy         | 10/01/2017 | 09/30/2018 | Purdue University                                     | Special Government Employee (SGE) Member |
| Adams, Douglas         | 10/01/2017 | 09/30/2018 | Vanderbilt University                                 | Special Government Employee (SGE) Member |
| Advani, Suresh         | 10/01/2017 | 09/30/2018 | University of Delaware                                | Special Government Employee (SGE) Member |
| Agarwal, Gunjan        | 10/01/2017 | 09/30/2018 | Ohio State University                                 | Special Government Employee (SGE) Member |
| Ager, Joel             | 10/01/2017 | 09/30/2018 | Lawrence Berkeley National Laboratory                 | Special Government Employee (SGE) Member |
| Aghayere, Abieyuwa     | 10/01/2017 | 09/30/2018 | Drexel University                                     | Special Government Employee (SGE) Member |
| Aghdam, Amir           | 10/01/2017 | 09/30/2018 | Concordia University                                  | Special Government Employee (SGE) Member |
| Ahlquist, Sean         | 10/01/2017 | 09/30/2018 | University Of Michigan                                | Special Government Employee (SGE) Member |
| Ahn, Soyoung           | 10/01/2017 | 09/30/2018 | University of Wisconsin-Madison                       | Special Government Employee (SGE) Member |
| Aich, Nirupam          | 10/01/2017 | 09/30/2018 | University at BuffaloThe State University of New York | Special Government Employee (SGE) Member |
| Aitkaliyeva, Assel     | 10/01/2017 | 09/30/2018 | University of Florida                                 | Special Government Employee (SGE) Member |
| Akanmu, Abiola         | 10/01/2017 | 09/30/2018 | Virginia Technologies, Inc.                           | Special Government Employee (SGE) Member |
| Akbulut, Mustafa       | 10/01/2017 | 09/30/2018 | Texas A&M University Main Campus                      | Special Government Employee (SGE) Member |
| Akcali, Elif           | 10/01/2017 | 09/30/2018 | University of Florida                                 | Special Government Employee (SGE) Member |

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|------------------------|------------|------------|--|--|
| Akono, Ange-Therese    | 10/01/2017 | 09/30/2018 | Northwestern University  | Special Government Employee (SGE) Member |
| Alagoz, Oguzhan        | 10/01/2017 | 09/30/2018 | University of Wisconsin-Madison                                  | Special Government Employee (SGE) Member |
| Alamo, Juan Carlos Del | 10/01/2017 | 09/30/2018 | University of California-San Diego                               | Special Government Employee (SGE) Member |
| Alford, Patrick        | 10/01/2017 | 09/30/2018 | University of Minnesota-Twin Cities                              | Special Government Employee (SGE) Member |
| Alipour, Alice         | 10/01/2017 | 09/30/2018 | Iowa State University  | Special Government Employee (SGE) Member |
| Allaire, Douglas       | 10/01/2017 | 09/30/2018 | Texas A&M University Main Campus                                 | Special Government Employee (SGE) Member |
| Allen, Matthew         | 10/01/2017 | 09/30/2018 | Indiana University-Purdue University at                          | Regular Government Employee (RGE) Member |
| Allison, James         | 10/01/2017 | 09/30/2018 | University of Illinois at Urbana-Champaign                       | Special Government Employee (SGE) Member |
| Alliston, Tamara       | 10/01/2017 | 09/30/2018 | UNIVERSITY OF CALIFORNIA SF                                      | Special Government Employee (SGE) Member |
| Alnaggar, Mohammed     | 10/01/2017 | 09/30/2018 | Rensselaer Polytechnic Institute                                 | Special Government Employee (SGE) Member |
| Alshibli, Khalid       | 10/01/2017 | 09/30/2018 | University of Tennessee Knoxville                                | Special Government Employee (SGE) Member |
| Aly, Aly-Mousaad       | 10/01/2017 | 09/30/2018 | Louisiana State University & Agricultural And Mechanical College | Special Government Employee (SGE) Member |
| Amama, Placidus        | 10/01/2017 | 09/30/2018 | Kansas State University  | Special Government Employee (SGE) Member |
| Ameli, Amir            | 10/01/2017 | 09/30/2018 | Wash State U Tri-Cities  | Special Government Employee (SGE) Member |
| Ameri, Farhad          | 10/01/2017 | 09/30/2018 | Texas State University - San Marcos                              | Special Government Employee (SGE) Member |
| Amirkhizi, Alireza     | 10/01/2017 | 09/30/2018 | University of Massachusetts Lowell                               | Special Government Employee (SGE) Member |
| An, Qi                 | 10/01/2017 | 09/30/2018 | University of Nevada   | Special Government Employee (SGE) Member |
| Anand, Lallit          | 10/01/2017 | 09/30/2018 | MIT  | Special Government Employee (SGE) Member |
| Anderson, David        | 10/01/2017 | 09/30/2018 | Georgia Institute of Technology                                  | Special Government Employee (SGE) Member |
| Andrade, Jose          | 10/01/2017 | 09/30/2018 | California Institute Of Technology                               | Special Government Employee (SGE) Member |
| Andrews, Rodney        | 10/01/2017 | 09/30/2018 | University of Kentucky   | Special Government Employee (SGE) Member |
| Andrus, Ronald         | 10/01/2017 | 09/30/2018 | Clemson University   | Special Government Employee (SGE) Member |
| Anthony, Rebecca       | 10/01/2017 | 09/30/2018 | Michigan State University  | Special Government Employee (SGE) Member |
| Antoniou, Antonia      | 10/01/2017 | 09/30/2018 | GA Tech Res Corp - GIT   | Special Government Employee (SGE) Member |
| Aouadi, Samir          | 10/01/2017 | 09/30/2018 | University of North Texas  | Special Government Employee (SGE) Member |
| Aponte-Bermudez, Luis  | 10/01/2017 | 09/30/2018 | University of Puerto Rico Mayaguez                               | Special Government Employee (SGE) Member |
| Arancibia, Nestor      | 10/01/2017 | 09/30/2018 | University of Southern California                                | Special Government Employee (SGE) Member |
| Aranda-Espinoza, Helim | 10/01/2017 | 09/30/2018 | U of MD College Park   | Special Government Employee (SGE) Member |
| Ardebili, Haleh        | 10/01/2017 | 09/30/2018 | U of Houston   | Special Government Employee (SGE) Member |

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|-----------------------------|---|--|
| Argento, Alan               | 10/01/2017 09/30/2018 U of Michigan Dearborn                        | Special Government Employee (SGE) Member |
| Arnold, Michael             | 10/01/2017 09/30/2018 U of Wisconsin Madison                        | Special Government Employee (SGE) Member |
| Arnott, Richard             | 10/01/2017 09/30/2018 University of California-Riverside            | Special Government Employee (SGE) Member |
| Arrieta, Andres             | 10/01/2017 09/30/2018 Purdue University                             | Special Government Employee (SGE) Member |
| Arroyave, Raymundo          | 10/01/2017 09/30/2018 Texas AM University Main Campus               | Special Government Employee (SGE) Member |
| Arruda, Ellen               | 10/01/2017 09/30/2018 University of Michigan                        | Special Government Employee (SGE) Member |
| Asadi, Amir                 | 10/01/2017 09/30/2018 Texas A&M University Main Campus              | Special Government Employee (SGE) Member |
| Asadi, Somayeh              | 10/01/2017 09/30/2018 Pa St U University Park                       | Special Government Employee (SGE) Member |
| Atamturktur, Sez            | 10/01/2017 09/30/2018 Pannsylvania State University University Park | Special Government Employee (SGE) Member |
| Athanasopoulos-Zekkos, Adda | 10/01/2017 09/30/2018 UNIVERSITY OF MICHIGAN                        | Special Government Employee (SGE) Member |
| Augustyn, Veronica          | 10/01/2017 09/30/2018 NC State University                           | Special Government Employee (SGE) Member |
| Aurich, Jan                 | 10/01/2017 09/30/2018 Technische Universitaet Kaiserslautern        | Special Government Employee (SGE) Member |
| Avdeev, Ilya                | 10/01/2017 09/30/2018 University of Wisconsin-Milwaukee             | Special Government Employee (SGE) Member |
| Awiszus, Birgit             | 10/01/2017 09/30/2018 Chemnitz University of Technology             | Special Government Employee (SGE) Member |
| Ayer, Steven                | 10/01/2017 09/30/2018 Arizona State University                      | Special Government Employee (SGE) Member |
| Ayer, Turgay                | 10/01/2017 09/30/2018 Georgia Institute of Technology               | Special Government Employee (SGE) Member |
| Baek, Seungik               | 10/01/2017 09/30/2018 Michigan State University                     | Special Government Employee (SGE) Member |
| Baek, Steve                 | 10/01/2017 09/30/2018 University of Iowa                            | Special Government Employee (SGE) Member |
| Baillieul, John             | 10/01/2017 09/30/2018 Boston University                             | Special Government Employee (SGE) Member |
| Baird, Donald               | 10/01/2017 09/30/2018 Va Polytechnic Inst & St U                    | Special Government Employee (SGE) Member |
| Bajpayee, Ambika            | 10/01/2017 09/30/2018 Northeastern University                       | Special Government Employee (SGE) Member |
| Baker, Ian                  | 10/01/2017 09/30/2018 Dartmouth College                             | Special Government Employee (SGE) Member |
| Baker, Jack                 | 10/01/2017 09/30/2018 Stanford University                           | Special Government Employee (SGE) Member |
| Balachandran, Balakumar     | 10/01/2017 09/30/2018 U Of Md College Park                          | Special Government Employee (SGE) Member |
| Balachandran, Kartik        | 10/01/2017 09/30/2018 University of Arkansas                        | Special Government Employee (SGE) Member |
| Balasubramaniam, Ramesh     | 10/01/2017 09/30/2018 University of California - Merced             | Special Government Employee (SGE) Member |
| Balk, John                  | 10/01/2017 09/30/2018 University of Kentucky                        | Special Government Employee (SGE) Member |
| Balogun, Oluwaseyi          | 10/01/2017 09/30/2018 Northwestern University                       | Special Government Employee (SGE) Member |
| Bamieh, Bassam              | 10/01/2017 09/30/2018 University of California-Santa Barbara        | Special Government Employee (SGE) Member |

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| Ban, Jeff                | 10/01/2017 09/30/2018 University of Washington                 | Special Government Employee (SGE) Member |
| Banerjee, Sourav         | 10/01/2017 09/30/2018 University of South Carolina at Columbia | Special Government Employee (SGE) Member |
| Bao, Yu                  | 10/01/2017 09/30/2018 Rochester Institute of Technology        | Special Government Employee (SGE) Member |
| Barker, Kash             | 10/01/2017 09/30/2018 University of Oklahoma Central Office    | Special Government Employee (SGE) Member |
| Barocas, Victor          | 10/01/2017 09/30/2018 University of Minnesota-Twin Cities      | Special Government Employee (SGE) Member |
| Barry, Carol             | 10/01/2017 09/30/2018 University of Massachusetts Lowell       | Special Government Employee (SGE) Member |
| Barton, Kira             | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Basak, Amrita            | 10/01/2017 09/30/2018 Former Student At Georgia Tech           | Special Government Employee (SGE) Member |
| Baskaran, Bas Appupillai | 10/01/2017 09/30/2018 National Research Council                | Special Government Employee (SGE) Member |
| Bayen, Alexandre         | 10/01/2017 09/30/2018 U of Cal Berkeley                        | Special Government Employee (SGE) Member |
| Baykal-Gursoy, Melike    | 10/01/2017 09/30/2018 Rutgers University New Brunswick         | Special Government Employee (SGE) Member |
| Bayly, Philip            | 10/01/2017 09/30/2018 Washington University                    | Special Government Employee (SGE) Member |
| Becerik-Gerber, Burcin   | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Behdad, Sara             | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government Employee (SGE) Member |
| Beheshti, Ali            | 10/01/2017 09/30/2018 George Mason University                  | Special Government Employee (SGE) Member |
| Behura, Sanjay           | 10/01/2017 09/30/2018 University of Illinois at Chicago        | Special Government Employee (SGE) Member |
| Beling, Peter            | 10/01/2017 09/30/2018 University of Virginia Main Campus       | Special Government Employee (SGE) Member |
| Bellini, Chiara          | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Ben Ayed, Samah          | 10/01/2017 09/30/2018 New Mexico State University              | Special Government Employee (SGE) Member |
| Bender, Donald           | 10/01/2017 09/30/2018 Washington State Univ                    | Special Government Employee (SGE) Member |
| Bennett, Victoria        | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Benoit, Jean             | 10/01/2017 09/30/2018 University of New Hampshire              | Special Government Employee (SGE) Member |
| Berg, Bjorn              | 10/01/2017 09/30/2018 University of Minnesota-Twin Cities      | Special Government Employee (SGE) Member |
| Berg, Jordan             | 10/01/2017 09/30/2018 Texas Tech University                    | Special Government Employee (SGE) Member |
| Berke, Ryan              | 10/01/2017 09/30/2018 Utah State University                    | Special Government Employee (SGE) Member |
| Berman, Diana            | 10/01/2017 09/30/2018 University of North Texas                | Special Government Employee (SGE) Member |
| Bernhardt, Michelle      | 10/01/2017 09/30/2018 University of Arkansas                   | Special Government Employee (SGE) Member |
| Beyerlein, Irene         | 10/01/2017 09/30/2018 University of California-Santa Barbara   | Special Government Employee (SGE) Member |
| Bhat, Chandra            | 10/01/2017 09/30/2018 The University of Texas at Austin        | Special Government Employee (SGE) Member |

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|---------------------|--|---|
| Bhushan, Bharat     | 10/01/2017 09/30/2018 Ohio State University                    | Special Government<br>Employee (SGE) Member |
| Bilionis, Ilias     | 10/01/2017 09/30/2018 Purdue University                        | Special Government<br>Employee (SGE) Member |
| Billington, Sarah   | 10/01/2017 09/30/2018 Stanford University                      | Special Government<br>Employee (SGE) Member |
| Billo, Richard      | 10/01/2017 09/30/2018 University Of Notre Dame                 | Special Government<br>Employee (SGE) Member |
| Birkland, Tom       | 10/01/2017 09/30/2018 NC State University                      | Special Government<br>Employee (SGE) Member |
| Bish, Douglas       | 10/01/2017 09/30/2018 VA Polytechnic Inst & St U               | Special Government<br>Employee (SGE) Member |
| Bish, Ebru          | 10/01/2017 09/30/2018 VA Polytechnic Inst & St U               | Special Government<br>Employee (SGE) Member |
| Biswas, Gautam      | 10/01/2017 09/30/2018 Vanderbilt University                    | Special Government<br>Employee (SGE) Member |
| Bloebaum, Christina | 10/01/2017 09/30/2018 Iowa State University                    | Special Government<br>Employee (SGE) Member |
| Bobaru, Florin      | 10/01/2017 09/30/2018 University of Nebraska-Lincoln           | Special Government<br>Employee (SGE) Member |
| Boerckel, Joel      | 10/01/2017 09/30/2018 University of Notre Dame                 | Special Government<br>Employee (SGE) Member |
| Boland, Natashaia   | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government<br>Employee (SGE) Member |
| Bolander, John      | 10/01/2017 09/30/2018 University of California-Davis           | Special Government<br>Employee (SGE) Member |
| Boriek, Aladin      | 10/01/2017 09/30/2018 Baylor College of Medicine               | Special Government<br>Employee (SGE) Member |
| Bowling, Alan       | 10/01/2017 09/30/2018 University of Texas at Arlington         | Special Government<br>Employee (SGE) Member |
| Boydston, Andrew    | 10/01/2017 09/30/2018 University of Washington                 | Special Government<br>Employee (SGE) Member |
| Boyles, Stephen     | 10/01/2017 09/30/2018 U of Texas Austin                        | Special Government<br>Employee (SGE) Member |
| Braxtan, Nicole     | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government<br>Employee (SGE) Member |
| Brenner, Sara       | 10/01/2017 09/30/2018 SUNY Polytechnic Institute               | Special Government<br>Employee (SGE) Member |
| Bretl, Timothy      | 10/01/2017 09/30/2018 U. of Illinois at Urbana-Champaign       | Special Government<br>Employee (SGE) Member |
| Broniatowski, David | 10/01/2017 09/30/2018 George Washington Univ                   | Special Government<br>Employee (SGE) Member |
| Brown, Keith        | 10/01/2017 09/30/2018 Boston University                        | Special Government<br>Employee (SGE) Member |
| Brownjohn, James    | 10/01/2017 09/30/2018 University of Exeter                     | Special Government<br>Employee (SGE) Member |
| Brunswicker, Sabine | 10/01/2017 09/30/2018 Purdue University                        | Special Government<br>Employee (SGE) Member |
| Buchanan, Austin    | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government<br>Employee (SGE) Member |
| Buneo, Christopher  | 10/01/2017 09/30/2018 Arizona State University                 | Special Government<br>Employee (SGE) Member |
| Burris, David       | 10/01/2017 09/30/2018 University of Delaware                   | Special Government<br>Employee (SGE) Member |
| Busnaina, Ahmed     | 10/01/2017 09/30/2018 Northeastern University                  | Special Government<br>Employee (SGE) Member |
| Butler, Brady       | 10/01/2017 09/30/2018 Us Army Research Laboratory              | Regular Government<br>Employee (RGE) Member |

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| Button, Kenneth      | 10/01/2017 09/30/2018 George Mason University                  | Special Government Employee (SGE) Member |
| Buyuktahtakin, Esra  | 10/01/2017 09/30/2018 New Jersey Institute of Technology       | Special Government Employee (SGE) Member |
| Byl, Katie           | 10/01/2017 09/30/2018 University of California-Santa Barbara   | Special Government Employee (SGE) Member |
| Cai, Steve           | 10/01/2017 09/30/2018 Louisiana State University               | Special Government Employee (SGE) Member |
| Calvi, Paolo         | 10/01/2017 09/30/2018 University of Washington                 | Special Government Employee (SGE) Member |
| Campbell, Matt       | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Campbell, Stuart     | 10/01/2017 09/30/2018 Yale University                          | Special Government Employee (SGE) Member |
| Campos, Michael      | 10/01/2017 09/30/2018 US Department of Energy                  | Regular Government Employee (RGE) Member |
| Cao, Changyong       | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Cao, Jian            | 10/01/2017 09/30/2018 Northwestern University                  | Special Government Employee (SGE) Member |
| Capponi, Agostino    | 10/01/2017 09/30/2018 Columbia University                      | Special Government Employee (SGE) Member |
| Carter, Jennifer     | 10/01/2017 09/30/2018 Case Western Reserve University          | Special Government Employee (SGE) Member |
| Caruntu, Dumitru     | 10/01/2017 09/30/2018 University of Texas - Rio Grande Valley  | Special Government Employee (SGE) Member |
| Casadio, Maura       | 10/01/2017 09/30/2018 University of Genoa                      | Special Government Employee (SGE) Member |
| Castaneda, Daniel    | 10/01/2017 09/30/2018 Angelo State University                  | Special Government Employee (SGE) Member |
| Cavicchi, Kevin      | 10/01/2017 09/30/2018 University of Akron                      | Special Government Employee (SGE) Member |
| Cecil, Joe           | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government Employee (SGE) Member |
| Celestine, Asha-dee  | 10/01/2017 09/30/2018 Auburn University                        | Special Government Employee (SGE) Member |
| Celik, Emrah         | 10/01/2017 09/30/2018 University of Miami                      | Special Government Employee (SGE) Member |
| Cetinkaya, Sila      | 10/01/2017 09/30/2018 Southern Methodist Univ                  | Special Government Employee (SGE) Member |
| Chalivendra, Vijaya  | 10/01/2017 09/30/2018 Univ of Mass, Dartmouth                  | Special Government Employee (SGE) Member |
| Chandra, Dhanesh     | 10/01/2017 09/30/2018 University of Nevada Reno                | Special Government Employee (SGE) Member |
| Chang, Chih-Hao      | 10/01/2017 09/30/2018 North Carolina State U                   | Special Government Employee (SGE) Member |
| Chang, Qing          | 10/01/2017 09/30/2018 SUNY Stony Brook                         | Special Government Employee (SGE) Member |
| Charney, Finley      | 10/01/2017 09/30/2018 Virginia Polytechnic Institute and State | Special Government Employee (SGE) Member |
| Chasiotis, Ioannis   | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champai | Special Government Employee (SGE) Member |
| Chattopadhyay, Aditi | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Chaudhuri, Oviжит    | 10/01/2017 09/30/2018 Stanford University                      | Special Government Employee (SGE) Member |
| Chaudhury, Manoj     | 10/01/2017 09/30/2018 Lehigh University                        | Special Government Employee (SGE) Member |

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|----------------------|---|---|
| Chelidze, David      | 10/01/2017 09/30/2018 University of Rhode Island              | Special Government<br>Employee (SGE) Member |
| Chen, Jingyi         | 10/01/2017 09/30/2018 University of Arkansas                  | Special Government<br>Employee (SGE) Member |
| Chen, Julie          | 10/01/2017 09/30/2018 University of Massachusetts Lowell      | Special Government<br>Employee (SGE) Member |
| Chen, Lei            | 10/01/2017 09/30/2018 Mississippi State University            | Special Government<br>Employee (SGE) Member |
| Chen, Lianyi         | 10/01/2017 09/30/2018 Missouri S&T                            | Special Government<br>Employee (SGE) Member |
| Chen, Qin            | 10/01/2017 09/30/2018 Northeastern University                 | Special Government<br>Employee (SGE) Member |
| Chen, Qiushi         | 10/01/2017 09/30/2018 PENN STATE UNIVERSITY                   | Special Government<br>Employee (SGE) Member |
| Chen, Roger          | 10/01/2017 09/30/2018 Rochester Institute of Technology       | Special Government<br>Employee (SGE) Member |
| Chen, Shaochen       | 10/01/2017 09/30/2018 UC San Diego                            | Special Government<br>Employee (SGE) Member |
| Chen, Victoria       | 10/01/2017 09/30/2018 University of Texas at Arlington        | Special Government<br>Employee (SGE) Member |
| Chen, Wei            | 10/01/2017 09/30/2018 Northwestern University                 | Special Government<br>Employee (SGE) Member |
| Chen, Xu             | 10/01/2017 09/30/2018 University of Connecticut               | Special Government<br>Employee (SGE) Member |
| Chen, Yong           | 10/01/2017 09/30/2018 University of Southern California       | Special Government<br>Employee (SGE) Member |
| Chen, Youping        | 10/01/2017 09/30/2018 University of Florida                   | Special Government<br>Employee (SGE) Member |
| Chen, Zhiqiang       | 10/01/2017 09/30/2018 University Of Missouri-kansas City      | Special Government<br>Employee (SGE) Member |
| Chen, Zi             | 10/01/2017 09/30/2018 Dartmouth College                       | Special Government<br>Employee (SGE) Member |
| Cheng, Huanyu        | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park | Special Government<br>Employee (SGE) Member |
| Cheng, Zhe           | 10/01/2017 09/30/2018 Florida International University        | Special Government<br>Employee (SGE) Member |
| Chernow, Victoria    | 10/01/2017 09/30/2018 US Department of Energy                 | Regular Government<br>Employee (RGE) Member |
| Chester, Mikhail     | 10/01/2017 09/30/2018 Arizona State University                | Special Government<br>Employee (SGE) Member |
| Chester, Shawn       | 10/01/2017 09/30/2018 New Jersey Institute of Technology      | Special Government<br>Employee (SGE) Member |
| Chhowalla, Manish    | 10/01/2017 09/30/2018 Rutgers University                      | Special Government<br>Employee (SGE) Member |
| Choi, Jae-Won        | 10/01/2017 09/30/2018 The University of Akron                 | Special Government<br>Employee (SGE) Member |
| Choi, Jong Hyun      | 10/01/2017 09/30/2018 Purdue University                       | Special Government<br>Employee (SGE) Member |
| Choset, Howard       | 10/01/2017 09/30/2018 Carnegie Mellon University              | Special Government<br>Employee (SGE) Member |
| Chou, Kevin          | 10/01/2017 09/30/2018 University of Louisville                | Special Government<br>Employee (SGE) Member |
| Chow, Joseph         | 10/01/2017 09/30/2018 New York University                     | Special Government<br>Employee (SGE) Member |
| Christenson, Richard | 10/01/2017 09/30/2018 University of Connecticut               | Special Government<br>Employee (SGE) Member |
| Chrzan, Daryl        | 10/01/2017 09/30/2018 University of California-Berkeley       | Special Government<br>Employee (SGE) Member |

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| Chun, Junho           | 10/01/2017 09/30/2018 Syracuse University                      | Special Government<br>Employee (SGE) Member |
| Chun, Young           | 10/01/2017 09/30/2018 University of Pittsburgh                 | Special Government<br>Employee (SGE) Member |
| Chung, Haseung        | 10/01/2017 09/30/2018 Michigan State University                | Special Government<br>Employee (SGE) Member |
| Chung, Yip-Wah        | 10/01/2017 09/30/2018 Northwestern University                  | Special Government<br>Employee (SGE) Member |
| Civjan, Scott         | 10/01/2017 09/30/2018 University of Massachusetts Amherst      | Special Government<br>Employee (SGE) Member |
| Clark, Jonathan       | 10/01/2017 09/30/2018 Florida State University                 | Special Government<br>Employee (SGE) Member |
| Clarke, Amy           | 10/01/2017 09/30/2018 Colorado School of Mines                 | Special Government<br>Employee (SGE) Member |
| Clifford, Dale        | 10/01/2017 09/30/2018 California Polytechnic State University  | Special Government<br>Employee (SGE) Member |
| Coats, Brittany       | 10/01/2017 09/30/2018 University of Utah                       | Special Government<br>Employee (SGE) Member |
| Cochrane, Mark        | 10/01/2017 09/30/2018 University of Maryland Center for Enviro | Special Government<br>Employee (SGE) Member |
| Cohn, Robert          | 10/01/2017 09/30/2018 University of Louisville                 | Special Government<br>Employee (SGE) Member |
| Coifman, Benjamin     | 10/01/2017 09/30/2018 Ohio State University                    | Special Government<br>Employee (SGE) Member |
| Collins, Andrew       | 10/01/2017 09/30/2018 Old Dominion University                  | Special Government<br>Employee (SGE) Member |
| Collins, Steven       | 10/01/2017 09/30/2018 Stanford University                      | Special Government<br>Employee (SGE) Member |
| Collins, Tim          | 10/01/2017 09/30/2018 University Of Utah                       | Special Government<br>Employee (SGE) Member |
| Comfort, Louise       | 10/01/2017 09/30/2018 University of Pittsburgh                 | Special Government<br>Employee (SGE) Member |
| Compton, Brett        | 10/01/2017 09/30/2018 University of Tennessee Knoxville        | Special Government<br>Employee (SGE) Member |
| Cong, Zhen            | 10/01/2017 09/30/2018 University Of Texas At Arlington         | Special Government<br>Employee (SGE) Member |
| Constantinou, Michael | 10/01/2017 09/30/2018 University at Buffalo                    | Special Government<br>Employee (SGE) Member |
| Conway, Daniel        | 10/01/2017 09/30/2018 Virginia Commonwealth University         | Special Government<br>Employee (SGE) Member |
| Cope, Anne            | 10/01/2017 09/30/2018 IBHS                                     | Special Government<br>Employee (SGE) Member |
| Cordero, Zachary      | 10/01/2017 09/30/2018 Rice University                          | Special Government<br>Employee (SGE) Member |
| Cortez, Rebecca       | 10/01/2017 09/30/2018 Union College                            | Regular Government<br>Employee (RGE) Member |
| Costanzo, Francesco   | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park  | Special Government<br>Employee (SGE) Member |
| Cote, Danielle        | 10/01/2017 09/30/2018 Worcester Polytechnic Institute          | Special Government<br>Employee (SGE) Member |
| Cova, Thomas          | 10/01/2017 09/30/2018 University Of Utah                       | Special Government<br>Employee (SGE) Member |
| Crane, Nathan         | 10/01/2017 09/30/2018 University of South Florida              | Special Government<br>Employee (SGE) Member |
| Crawford, Richard     | 10/01/2017 09/30/2018 U of Texas Austin                        | Special Government<br>Employee (SGE) Member |
| Croson, David         | 10/01/2017 09/30/2018 Michigan State University                | Special Government<br>Employee (SGE) Member |

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| Cruse, Andrew       | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Cullinan, Michael   | 10/01/2017 09/30/2018 University of Texas at Austin            | Special Government Employee (SGE) Member |
| Cupkova, Dana       | 10/01/2017 09/30/2018 Carnegie Mellon University               | Special Government Employee (SGE) Member |
| Curet, Oscar        | 10/01/2017 09/30/2018 Florida Atlantic University              | Special Government Employee (SGE) Member |
| Cusatis, Gianluca   | 10/01/2017 09/30/2018 Northwestern University                  | Special Government Employee (SGE) Member |
| D'Souza, Nandika    | 10/01/2017 09/30/2018 University Of North Texas                | Special Government Employee (SGE) Member |
| Daehn, Glenn        | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Dahl, Kris          | 10/01/2017 09/30/2018 Carnegie-Mellon University               | Special Government Employee (SGE) Member |
| Dai, Jiangang       | 10/01/2017 09/30/2018 Cornell University                       | Special Government Employee (SGE) Member |
| Dai, Ran            | 10/01/2017 09/30/2018 The Ohio State University                | Special Government Employee (SGE) Member |
| Dai, Xianming       | 10/01/2017 09/30/2018 University of Texas at Dallas            | Special Government Employee (SGE) Member |
| Daneshvaran, Siamak | 10/01/2017 09/30/2018 Aon Benfield Global Head of R&D          | Special Government Employee (SGE) Member |
| Dani, Ashwin        | 10/01/2017 09/30/2018 University of Connecticut                | Special Government Employee (SGE) Member |
| Dapino, Marcelo     | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Daraio, Chiara      | 10/01/2017 09/30/2018 California Institute of Technology       | Special Government Employee (SGE) Member |
| Darbha, Swaroop     | 10/01/2017 09/30/2018 TEXAS A&M UNIVERSITY                     | Special Government Employee (SGE) Member |
| Das, Sonjoy         | 10/01/2017 09/30/2018 SUNY Buffalo                             | Special Government Employee (SGE) Member |
| Das, Sumanta        | 10/01/2017 09/30/2018 University of Rhode Island               | Special Government Employee (SGE) Member |
| Das, Suprem         | 10/01/2017 09/30/2018 Kansas State University                  | Special Government Employee (SGE) Member |
| Dashti, Shideh      | 10/01/2017 09/30/2018 University of Colorado at Boulder        | Special Government Employee (SGE) Member |
| Davidson, Lance     | 10/01/2017 09/30/2018 University of Pittsburgh                 | Special Government Employee (SGE) Member |
| Davidson, Rachel    | 10/01/2017 09/30/2018 University of Delaware                   | Special Government Employee (SGE) Member |
| Davis, Virginia     | 10/01/2017 09/30/2018 Auburn University                        | Special Government Employee (SGE) Member |
| Dayal, Kaushik      | 10/01/2017 09/30/2018 Carnegie Mellon University               | Special Government Employee (SGE) Member |
| De Vita, Raffaella  | 10/01/2017 09/30/2018 Virginia Polytechnic Institute State Un  | Special Government Employee (SGE) Member |
| DeGruson, Min       | 10/01/2017 09/30/2018 University of Wisconsin-Stout            | Special Government Employee (SGE) Member |
| DeRouen, JoAnne     | 10/01/2017 09/30/2018 University of Louisiana at Lafayette     | Special Government Employee (SGE) Member |
| Demuth, Julie       | 10/01/2017 09/30/2018 University Corporation For Atmospheric R | Special Government Employee (SGE) Member |
| Denavit, Mark       | 10/01/2017 09/30/2018 University of Tennessee Knoxville        | Special Government Employee (SGE) Member |

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| Denby, Gordon        | 10/01/2017 09/30/2018 GeoEngineers, Inc.                                     | Special Government Employee (SGE) Member |
| Deodatis, George     | 10/01/2017 09/30/2018 Columbia University                                    | Special Government Employee (SGE) Member |
| Derrible, Sybil      | 10/01/2017 09/30/2018 University of Illinois at Chicago                      | Special Government Employee (SGE) Member |
| Devasia, Santosh     | 10/01/2017 09/30/2018 University of Washington                               | Special Government Employee (SGE) Member |
| Devireddy, Ram       | 10/01/2017 09/30/2018 Louisiana State University                             | Special Government Employee (SGE) Member |
| Dey, Santanu         | 10/01/2017 09/30/2018 Georgia Institute of Technology                        | Special Government Employee (SGE) Member |
| Dhinojwala, Ali      | 10/01/2017 09/30/2018 University of Akron                                    | Special Government Employee (SGE) Member |
| Di, Sharon           | 10/01/2017 09/30/2018 Columbia University                                    | Special Government Employee (SGE) Member |
| Diagne, Mamadou      | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute<br>Department of MANE | Special Government Employee (SGE) Member |
| Dierolf, Volkmar     | 10/01/2017 09/30/2018 Lehigh University                                      | Special Government Employee (SGE) Member |
| Diesner, Jana        | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS                                 | Special Government Employee (SGE) Member |
| Dietrich, Casey      | 10/01/2017 09/30/2018 North Carolina State University                        | Special Government Employee (SGE) Member |
| Dillon, Shen         | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign             | Special Government Employee (SGE) Member |
| Dinda, Guru          | 10/01/2017 09/30/2018 Wayne State University                                 | Special Government Employee (SGE) Member |
| Ding, Junjun         | 10/01/2017 09/30/2018 Alfred University                                      | Special Government Employee (SGE) Member |
| Ding, Yu             | 10/01/2017 09/30/2018 TEXAS A AND M UNIVERSITY                               | Special Government Employee (SGE) Member |
| Dixon, Brandon       | 10/01/2017 09/30/2018 Georgia Institute of Technology                        | Special Government Employee (SGE) Member |
| Dixon, Warren        | 10/01/2017 09/30/2018 University of Florida                                  | Special Government Employee (SGE) Member |
| Djurdjanovic, Dragan | 10/01/2017 09/30/2018 University of Texas at Austin                          | Special Government Employee (SGE) Member |
| Doherty, Kevin       | 10/01/2017 09/30/2018 US Army Research Laboratory                            | Regular Government Employee (RGE) Member |
| Donahue, Henry       | 10/01/2017 09/30/2018 Virginia Commonwealth University                       | Special Government Employee (SGE) Member |
| Dong, Pei            | 10/01/2017 09/30/2018 George Mason University                                | Special Government Employee (SGE) Member |
| Dong, Xiangyang      | 10/01/2017 09/30/2018 Missouri University Of Science And Technology          | Special Government Employee (SGE) Member |
| Dong, Zhijie         | 10/01/2017 09/30/2018 Texas State University                                 | Special Government Employee (SGE) Member |
| Donmez, Alkan        | 10/01/2017 09/30/2018 NIST   | Regular Government Employee (RGE) Member |
| Donnelly, Eve        | 10/01/2017 09/30/2018 Cornell University                                     | Special Government Employee (SGE) Member |
| Doostan, Alireza     | 10/01/2017 09/30/2018 University of Colorado at Boulder                      | Special Government Employee (SGE) Member |
| Dossick, Carrie      | 10/01/2017 09/30/2018 University of Washington                               | Special Government Employee (SGE) Member |
| Druschitz, Alan      | 10/01/2017 09/30/2018 Virginia Polytechnic Institute State Un                | Special Government Employee (SGE) Member |

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|---------------------|--|---|
| Drzal, Lawrence     | 10/01/2017 09/30/2018 Michigan State University                | Special Government<br>Employee (SGE) Member |
| Du, E . Sarah       | 10/01/2017 09/30/2018 Florida Atlantic University              | Special Government<br>Employee (SGE) Member |
| Du, Xiaoping        | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government<br>Employee (SGE) Member |
| Du, Yanhai          | 10/01/2017 09/30/2018 Kent State University                    | Special Government<br>Employee (SGE) Member |
| Dumitrica, Traian   | 10/01/2017 09/30/2018 UNIVERSITY OF MINNESOTA                  | Special Government<br>Employee (SGE) Member |
| Dunn, Alison        | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champai | Special Government<br>Employee (SGE) Member |
| Dusicka, Peter      | 10/01/2017 09/30/2018 Portland State University                | Special Government<br>Employee (SGE) Member |
| Dyke, Shirley       | 10/01/2017 09/30/2018 Purdue University                        | Special Government<br>Employee (SGE) Member |
| Dzenis, Yuris       | 10/01/2017 09/30/2018 U of Nebraska-Lincoln                    | Special Government<br>Employee (SGE) Member |
| Eisenlohr, Philip   | 10/01/2017 09/30/2018 Michigan State University                | Special Government<br>Employee (SGE) Member |
| Ekinici, Kamil      | 10/01/2017 09/30/2018 Boston University                        | Special Government<br>Employee (SGE) Member |
| El-Adaway, Islam    | 10/01/2017 09/30/2018 University of Tennessee Knoxville        | Special Government<br>Employee (SGE) Member |
| El-Azab, Anter      | 10/01/2017 09/30/2018 Purdue University                        | Special Government<br>Employee (SGE) Member |
| El-Ghannam, Ahmed   | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government<br>Employee (SGE) Member |
| El-Gohary, Nora     | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government<br>Employee (SGE) Member |
| El-Tawil, Sherif    | 10/01/2017 09/30/2018 University of Michigan                   | Special Government<br>Employee (SGE) Member |
| Elabd, Yossef       | 10/01/2017 09/30/2018 Texas A&M University Main Campus         | Special Government<br>Employee (SGE) Member |
| Elbanna, Ahmed      | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champai | Special Government<br>Employee (SGE) Member |
| Elgohary, Tarek     | 10/01/2017 09/30/2018 University of Central Florida            | Special Government<br>Employee (SGE) Member |
| Elliott, Ryan       | 10/01/2017 09/30/2018 U of Minnesota-Twin Cities               | Special Government<br>Employee (SGE) Member |
| Elsayed, Elsayed    | 10/01/2017 09/30/2018 Rutgers Univ New Brunswick               | Special Government<br>Employee (SGE) Member |
| Elwany, Alaa        | 10/01/2017 09/30/2018 TEXAS A&M UNIVERSITY                     | Special Government<br>Employee (SGE) Member |
| Emerson, Robert     | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government<br>Employee (SGE) Member |
| Engelhardt, Michael | 10/01/2017 09/30/2018 University of Texas - Austin             | Special Government<br>Employee (SGE) Member |
| Engler, Adam        | 10/01/2017 09/30/2018 U of Cal San Diego                       | Special Government<br>Employee (SGE) Member |
| Eriten, Melih       | 10/01/2017 09/30/2018 U of Wisconsin Madison                   | Special Government<br>Employee (SGE) Member |
| Erk, Kendra         | 10/01/2017 09/30/2018 Purdue University                        | Special Government<br>Employee (SGE) Member |
| Errington, Jeffrey  | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government<br>Employee (SGE) Member |
| Escobedo, Adolfo    | 10/01/2017 09/30/2018 Arizona State University                 | Special Government<br>Employee (SGE) Member |

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|----------------------|--|--|
| Esnard, Ann Margaret | 10/01/2017 09/30/2018 Georgia State University                 | Special Government Employee (SGE) Member |
| Evans, Christopher   | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government Employee (SGE) Member |
| Faber, Katherine     | 10/01/2017 09/30/2018 California Institute of Technology       | Special Government Employee (SGE) Member |
| Fadel, Georges       | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Fahnestock, Larry    | 10/01/2017 09/30/2018 University of Illinois at U-C            | Special Government Employee (SGE) Member |
| Fahrenholtz, William | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government Employee (SGE) Member |
| Fan, Qi              | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Fan, Zhaoyan         | 10/01/2017 09/30/2018 OREGON ST UNIVERSITY                     | Special Government Employee (SGE) Member |
| Fan, Zhaoyang        | 10/01/2017 09/30/2018 Texas Tech University                    | Special Government Employee (SGE) Member |
| Fannon, David        | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Fardad, Makan        | 10/01/2017 09/30/2018 Syracuse University                      | Special Government Employee (SGE) Member |
| Farid, Amro          | 10/01/2017 09/30/2018 Dartmouth College                        | Special Government Employee (SGE) Member |
| Farkas, Diana        | 10/01/2017 09/30/2018 Virginia Polytech Inst. & State Univ.    | Special Government Employee (SGE) Member |
| Fathy, Hosam         | 10/01/2017 09/30/2018 PENNSYLVANIA STATE UNIVERSITY            | Special Government Employee (SGE) Member |
| Feeny, Brian         | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Feigenbaum, Heidi    | 10/01/2017 09/30/2018 Northern Arizona Univeristy              | Special Government Employee (SGE) Member |
| Feist, Linda         | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Fekih, Afef          | 10/01/2017 09/30/2018 University of Louisiana at Lafayette     | Special Government Employee (SGE) Member |
| Felton, Samuel       | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Feng, Liang          | 10/01/2017 09/30/2018 University of Pennsylvania               | Special Government Employee (SGE) Member |
| Ferguson, Scott      | 10/01/2017 09/30/2018 North Carolina State University          | Special Government Employee (SGE) Member |
| Ferguson, Virginia   | 10/01/2017 09/30/2018 University of Colorado at Boulder        | Special Government Employee (SGE) Member |
| Ferreira, Susan      | 10/01/2017 09/30/2018 University of Texas at Arlington         | Special Government Employee (SGE) Member |
| Fichera, Loris       | 10/01/2017 09/30/2018 WPI                                      | Special Government Employee (SGE) Member |
| Fick, Damon          | 10/01/2017 09/30/2018 Montana State University                 | Special Government Employee (SGE) Member |
| Field, David         | 10/01/2017 09/30/2018 Washington State University              | Special Government Employee (SGE) Member |
| Filipov, Evgueni     | 10/01/2017 09/30/2018 UNIVERSITY OF MICHIGAN                   | Special Government Employee (SGE) Member |
| Findley, Kip         | 10/01/2017 09/30/2018 Colorado School of Mines                 | Special Government Employee (SGE) Member |
| Finn, Donovan        | 10/01/2017 09/30/2018 Suny At Stony Brook                      | Special Government Employee (SGE) Member |

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| Finno, Richard        | 10/01/2017 09/30/2018 Northwestern University                 | Special Government<br>Employee (SGE) Member |
| Flach, John           | 10/01/2017 09/30/2018 Wright State University                 | Special Government<br>Employee (SGE) Member |
| Flater, Erin          | 10/01/2017 09/30/2018 Luther College                          | Special Government<br>Employee (SGE) Member |
| Fleischman, Robert    | 10/01/2017 09/30/2018 U of Arizona                            | Special Government<br>Employee (SGE) Member |
| Fletcher, Linnea      | 10/01/2017 09/30/2018 Austin Community College                | Special Government<br>Employee (SGE) Member |
| Flint, Madeleine      | 10/01/2017 09/30/2018 Virginia Tech                           | Special Government<br>Employee (SGE) Member |
| Floyd, Royce          | 10/01/2017 09/30/2018 University of Oklahoma Norman Campus    | Special Government<br>Employee (SGE) Member |
| Forward, Keith        | 10/01/2017 09/30/2018 California State Polytechnic University | Special Government<br>Employee (SGE) Member |
| Foster, Kimberly      | 10/01/2017 09/30/2018 University of California Santa Barbara  | Special Government<br>Employee (SGE) Member |
| Foulk, James          | 10/01/2017 09/30/2018 Sandia National Laboratories            | Special Government<br>Employee (SGE) Member |
| Franchek, Matthew     | 10/01/2017 09/30/2018 University of Houston                   | Special Government<br>Employee (SGE) Member |
| Francis, Royce        | 10/01/2017 09/30/2018 George Washington Univ                  | Special Government<br>Employee (SGE) Member |
| Franke, Kevin         | 10/01/2017 09/30/2018 Brigham Young University                | Special Government<br>Employee (SGE) Member |
| Fratta, Dante         | 10/01/2017 09/30/2018 U of Wisconsin Madison                  | Special Government<br>Employee (SGE) Member |
| Frecker, Mary         | 10/01/2017 09/30/2018 PA St U University Park                 | Special Government<br>Employee (SGE) Member |
| Fritton, Susannah     | 10/01/2017 09/30/2018 City College of CUNY                    | Special Government<br>Employee (SGE) Member |
| Fritz, Hermann        | 10/01/2017 09/30/2018 Georgia Institute of Technology         | Special Government<br>Employee (SGE) Member |
| Fu, Yao               | 10/01/2017 09/30/2018 University of Cincinnati Main Campus    | Special Government<br>Employee (SGE) Member |
| Fuge, Mark            | 10/01/2017 09/30/2018 University of Maryland                  | Special Government<br>Employee (SGE) Member |
| Furlong, Cosme        | 10/01/2017 09/30/2018 Worcester Polytechnic Institute         | Special Government<br>Employee (SGE) Member |
| Furukawa, Tomonari    | 10/01/2017 09/30/2018 Virginia Tech                           | Special Government<br>Employee (SGE) Member |
| Galiana, Ignacio      | 10/01/2017 09/30/2018 Harvard University                      | Special Government<br>Employee (SGE) Member |
| Gallagher, Patricia   | 10/01/2017 09/30/2018 Drexel University                       | Special Government<br>Employee (SGE) Member |
| Gans, Nicholas        | 10/01/2017 09/30/2018 University of Texas at Dallas           | Special Government<br>Employee (SGE) Member |
| Gao, Robert           | 10/01/2017 09/30/2018 Case Western Reserve University         | Special Government<br>Employee (SGE) Member |
| Gao, Xiaosheng        | 10/01/2017 09/30/2018 University of Akron                     | Special Government<br>Employee (SGE) Member |
| Gao, Yanfei           | 10/01/2017 09/30/2018 U of Tennessee Knoxville                | Special Government<br>Employee (SGE) Member |
| Garay, Javier         | 10/01/2017 09/30/2018 University of California-San Diego      | Special Government<br>Employee (SGE) Member |
| Garcia Carrillo, Luis | 10/01/2017 09/30/2018 Texas AM University Corpus Christi      | Special Government<br>Employee (SGE) Member |

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| Garcia-Sanz, Mario       | 10/01/2017 | 09/30/2018 | Department of Energy                             | Regular Government Employee (RGE) Member |
| Garcia, Alfredo          | 10/01/2017 | 09/30/2018 | Texas AM UniversityEmerging TechnologiesBuilding | Special Government Employee (SGE) Member |
| Gardner, Lauren          | 10/01/2017 | 09/30/2018 | University of New South Wales                    | Special Government Employee (SGE) Member |
| Garmise, Shari           | 10/01/2017 | 09/30/2018 | Association of Public and Land-Grant Uni         | Special Government Employee (SGE) Member |
| Garrett, James           | 10/01/2017 | 09/30/2018 | Carnegie-Mellon University                       | Special Government Employee (SGE) Member |
| Ge, Qiaode               | 10/01/2017 | 09/30/2018 | SUNY at Stony Brook                              | Special Government Employee (SGE) Member |
| Gel, Esma                | 10/01/2017 | 09/30/2018 | Arizona State University                         | Special Government Employee (SGE) Member |
| Geltmacher, Andrew       | 10/01/2017 | 09/30/2018 | NAVAL RESEARCH LAB                               | Regular Government Employee (RGE) Member |
| Genetos, Damian          | 10/01/2017 | 09/30/2018 | University of California-Davis                   | Special Government Employee (SGE) Member |
| Genin, Guy               | 10/01/2017 | 09/30/2018 | Washington University                            | Special Government Employee (SGE) Member |
| Gentry, Russell          | 10/01/2017 | 09/30/2018 | Georgia Institute of Technology                  | Special Government Employee (SGE) Member |
| Georgiou, Tryphon        | 10/01/2017 | 09/30/2018 | University of California, Irvine                 | Special Government Employee (SGE) Member |
| Gergely, Ioan            | 10/01/2017 | 09/30/2018 | University of North Carolina at Charlott         | Special Government Employee (SGE) Member |
| German, Guy              | 10/01/2017 | 09/30/2018 | Binghamton University                            | Special Government Employee (SGE) Member |
| Geubelle, Philippe       | 10/01/2017 | 09/30/2018 | U of Ill Urbana-Champaign                        | Special Government Employee (SGE) Member |
| Ghanem, Roger            | 10/01/2017 | 09/30/2018 | University of Southern California                | Special Government Employee (SGE) Member |
| Ghasemi, Amirhossein     | 10/01/2017 | 09/30/2018 | University of North Carolina at Charlott         | Special Government Employee (SGE) Member |
| Ghosh, Dipankar          | 10/01/2017 | 09/30/2018 | Old Dominion University                          | Special Government Employee (SGE) Member |
| Gibbons, Brady           | 10/01/2017 | 09/30/2018 | Oregon State University                          | Special Government Employee (SGE) Member |
| Gibert, James            | 10/01/2017 | 09/30/2018 | Purdue University                                | Special Government Employee (SGE) Member |
| Giesche, Herbert         | 10/01/2017 | 09/30/2018 | NYSCC at Alfred University                       | Special Government Employee (SGE) Member |
| Gilbert, Hunter          | 10/01/2017 | 09/30/2018 | Louisiana State University & Agricultura         | Special Government Employee (SGE) Member |
| Gilbertson, Leanne Marie | 10/01/2017 | 09/30/2018 | UNIVERSITY OF PITTSBURGH                         | Special Government Employee (SGE) Member |
| Gilligan, Jonathan       | 10/01/2017 | 09/30/2018 | Vanderbilt University                            | Special Government Employee (SGE) Member |
| Gleason, Rudolph         | 10/01/2017 | 09/30/2018 | Georgia Institute of Technology                  | Special Government Employee (SGE) Member |
| Gockel, Joy              | 10/01/2017 | 09/30/2018 | Wright State University                          | Special Government Employee (SGE) Member |
| Goel, Rakesh             | 10/01/2017 | 09/30/2018 | California Polytechnic State University          | Special Government Employee (SGE) Member |
| Golden, Kumar            | 10/01/2017 | 09/30/2018 | Texas Tech University                            | Special Government Employee (SGE) Member |
| Gomez, Esther            | 10/01/2017 | 09/30/2018 | PENNSYLVANIA STATE UNIVERSITY                    | Special Government Employee (SGE) Member |

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| Gonella, Stefano      | 10/01/2017 09/30/2018 U of Minnesota-Twin Cities                                    | Special Government Employee (SGE) Member |
| Gonezen, Sevan        | 10/01/2017 09/30/2018 Texas A&M University Main Campus                              | Special Government Employee (SGE) Member |
| Gonzalez-Franco, Mar  | 10/01/2017 09/30/2018 MICROSOFT CORPORATION   | Special Government Employee (SGE) Member |
| Gooch, Keith          | 10/01/2017 09/30/2018 Ohio State University   | Special Government Employee (SGE) Member |
| Goodall, Jonathan     | 10/01/2017 09/30/2018 University of Virginia  | Special Government Employee (SGE) Member |
| Gopalakrishnan, Gokul | 10/01/2017 09/30/2018 University of Wisconsin-Platteville                           | Special Government Employee (SGE) Member |
| Gopu, Vijaya          | 10/01/2017 09/30/2018 University of Louisiana at Lafayette                          | Special Government Employee (SGE) Member |
| Gordon, Vernita       | 10/01/2017 09/30/2018 University of Texas at Austin                                 | Special Government Employee (SGE) Member |
| Gorle, Catherine      | 10/01/2017 09/30/2018 Stanford University   | Special Government Employee (SGE) Member |
| Gouma, Perena         | 10/01/2017 09/30/2018 Ohio State University   | Special Government Employee (SGE) Member |
| Graham-Brady, Lori    | 10/01/2017 09/30/2018 Johns Hopkins University                                      | Special Government Employee (SGE) Member |
| Gralla, Erica         | 10/01/2017 09/30/2018 George Washington University                                  | Special Government Employee (SGE) Member |
| Graugnard, Elton      | 10/01/2017 09/30/2018 Boise State University  | Special Government Employee (SGE) Member |
| Green, Micah          | 10/01/2017 09/30/2018 Texas A&M University Main Campus                              | Special Government Employee (SGE) Member |
| Greenslet, Hitomi     | 10/01/2017 09/30/2018 University of Florida   | Special Government Employee (SGE) Member |
| Gregg, Robert         | 10/01/2017 09/30/2018 University of Texas at Dallas                                 | Special Government Employee (SGE) Member |
| Gries, Corinna        | 10/01/2017 09/30/2018 UNIVERSITY OF WISCONSIN MADISON                               | Special Government Employee (SGE) Member |
| Grigoriu, Mircea      | 10/01/2017 09/30/2018 Cornell University-Endowed                                    | Special Government Employee (SGE) Member |
| Grigoropoulos, Costas | 10/01/2017 09/30/2018 U of Cal Berkeley   | Special Government Employee (SGE) Member |
| Groeber, Michael      | 10/01/2017 09/30/2018 Department Of Air Force Aerospace Research Laboratories Wpafb | Regular Government Employee (RGE) Member |
| Gu, Xiaodan           | 10/01/2017 09/30/2018 University of Southern Mississippi                            | Special Government Employee (SGE) Member |
| Guala, Gerald         | 10/01/2017 09/30/2018 US Geological Survey  | Regular Government Employee (RGE) Member |
| Guest, James          | 10/01/2017 09/30/2018 Johns Hopkins University                                      | Special Government Employee (SGE) Member |
| Guest, Joyce          | 10/01/2017 09/30/2018 Consultant  | Special Government Employee (SGE) Member |
| Guikema, Seth         | 10/01/2017 09/30/2018 University of Michigan  | Special Government Employee (SGE) Member |
| Guilleminot, Johann   | 10/01/2017 09/30/2018 Duke University   | Special Government Employee (SGE) Member |
| Gulsoy, Emine Begum   | 10/01/2017 09/30/2018 Northwestern University                                       | Special Government Employee (SGE) Member |
| Guo, Ruyan            | 10/01/2017 09/30/2018 University of Texas at San Antonio                            | Special Government Employee (SGE) Member |
| Gupta, Mahesh         | 10/01/2017 09/30/2018 Michigan Technological University                             | Special Government Employee (SGE) Member |

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|----------------------------------|---|---|
| Gupta, Nikhil                    | 10/01/2017 09/30/2018 New York University                         | Special Government<br>Employee (SGE) Member |
| Gupta, Vishal                    | 10/01/2017 09/30/2018 University of Southern California           | Special Government<br>Employee (SGE) Member |
| Gurkan, Umut                     | 10/01/2017 09/30/2018 Case Western Reserve University             | Special Government<br>Employee (SGE) Member |
| Gutierrez Soto,<br>Mariantonieta | 10/01/2017 09/30/2018 University of Kentucky                      | Special Government<br>Employee (SGE) Member |
| Haber, Richard                   | 10/01/2017 09/30/2018 Rutgers University                          | Special Government<br>Employee (SGE) Member |
| Hagan, Michael                   | 10/01/2017 09/30/2018 Brandeis University                         | Special Government<br>Employee (SGE) Member |
| Hagelberg, Frank                 | 10/01/2017 09/30/2018 East Tennessee State University             | Special Government<br>Employee (SGE) Member |
| Haghshenas, Meysam               | 10/01/2017 09/30/2018 University of North Dakota Main Campus      | Special Government<br>Employee (SGE) Member |
| Hahn, Mariah                     | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute            | Special Government<br>Employee (SGE) Member |
| Hajimirza, Shima                 | 10/01/2017 09/30/2018 Texas A&M Main Campus                       | Special Government<br>Employee (SGE) Member |
| Hale, Micah                      | 10/01/2017 09/30/2018 University of Arkansas                      | Special Government<br>Employee (SGE) Member |
| Hallowell, Matthew               | 10/01/2017 09/30/2018 U of Colorado Boulder                       | Special Government<br>Employee (SGE) Member |
| Hambuchen, Kimberly              | 10/01/2017 09/30/2018 NASA/LYNDON B JOHNSON SPACE CENTER          | Regular Government<br>Employee (RGE) Member |
| Hamdar, Samer                    | 10/01/2017 09/30/2018 George Washington University                | Special Government<br>Employee (SGE) Member |
| Hamers, Robert                   | 10/01/2017 09/30/2018 University of Wisconsin - Madison           | Special Government<br>Employee (SGE) Member |
| Hamilton, H                      | 10/01/2017 09/30/2018 University of Florida                       | Special Government<br>Employee (SGE) Member |
| Haque, Aman                      | 10/01/2017 09/30/2018 PA St U University Park                     | Special Government<br>Employee (SGE) Member |
| Hardy, Peter                     | 10/01/2017 09/30/2018 University of Kentucky                      | Special Government<br>Employee (SGE) Member |
| Harimkar, Sandip                 | 10/01/2017 09/30/2018 Oklahoma State University                   | Special Government<br>Employee (SGE) Member |
| Harne, Ryan                      | 10/01/2017 09/30/2018 Ohio State University                       | Special Government<br>Employee (SGE) Member |
| Harris, John                     | 10/01/2017 09/30/2018 NATIONAL INSTITUTE OF STANDARDS AND<br>TECH | Regular Government<br>Employee (RGE) Member |
| Hartman, Joseph                  | 10/01/2017 09/30/2018 University Of Massachusetts Lowell          | Special Government<br>Employee (SGE) Member |
| Harvey, P. Scott                 | 10/01/2017 09/30/2018 University Of Oklahoma Norman Campus        | Special Government<br>Employee (SGE) Member |
| Hasan, Samiul                    | 10/01/2017 09/30/2018 University of Central Florida               | Special Government<br>Employee (SGE) Member |
| Hashash, Youssef                 | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                   | Special Government<br>Employee (SGE) Member |
| Hassan, Tasnim                   | 10/01/2017 09/30/2018 NC State University Box 7908                | Special Government<br>Employee (SGE) Member |
| Hastings, J. Todd                | 10/01/2017 09/30/2018 University of Kentucky                      | Special Government<br>Employee (SGE) Member |
| Hatami-Marbini, Hamed            | 10/01/2017 09/30/2018 University of Illinois at Chicago           | Special Government<br>Employee (SGE) Member |
| Hatton, Ross                     | 10/01/2017 09/30/2018 Oregon State University                     | Special Government<br>Employee (SGE) Member |

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| Hattrick-Simpers, Jason | 10/01/2017 | 09/30/2018 | NATIONAL INSTITUTE OF STANDARDS AND TECH                                 | Regular Government Employee (RGE) Member |
| Hawkins, Michael        | 10/01/2017 | 09/30/2018 | Consultant   | Special Government Employee (SGE) Member |
| Hazelrigg, George       | 10/01/2017 | 09/30/2018 | Consultant   | Special Government Employee (SGE) Member |
| He, Mei                 | 10/01/2017 | 09/30/2018 | University of Kansas   | Special Government Employee (SGE) Member |
| Hedden, Ronald          | 10/01/2017 | 09/30/2018 | Texas Tech University  | Special Government Employee (SGE) Member |
| Hedegaard, Brock        | 10/01/2017 | 09/30/2018 | University of Wisconsin-Madison  | Special Government Employee (SGE) Member |
| Heier-Stamm, Jessica    | 10/01/2017 | 09/30/2018 | Kansas State University  | Special Government Employee (SGE) Member |
| Heise, Rebecca          | 10/01/2017 | 09/30/2018 | Virginia Commonwealth University   | Special Government Employee (SGE) Member |
| Helmke, Brian           | 10/01/2017 | 09/30/2018 | UNIVERSITY OF VIRGINIA   | Special Government Employee (SGE) Member |
| Henderson, James        | 10/01/2017 | 09/30/2018 | Syracuse University  | Special Government Employee (SGE) Member |
| Herderick, Edward       | 10/01/2017 | 09/30/2018 | Ohio State University  | Special Government Employee (SGE) Member |
| Herman, Jon             | 10/01/2017 | 09/30/2018 | University Of California-davis   | Special Government Employee (SGE) Member |
| Hernandez, Christopher  | 10/01/2017 | 09/30/2018 | Cornell University   | Special Government Employee (SGE) Member |
| Herr, Daniel            | 10/01/2017 | 09/30/2018 | Jnt. Sch. of Nanoscience and Engineering<br>of North Carolina Greensboro | Special Government Employee (SGE) Member |
| Higle, Julia            | 10/01/2017 | 09/30/2018 | U of Southern California   | Special Government Employee (SGE) Member |
| Hiltunen, Dennis        | 10/01/2017 | 09/30/2018 | University of Florida  | Special Government Employee (SGE) Member |
| Hittinger, Eric         | 10/01/2017 | 09/30/2018 | Rochester Institute of Tech  | Special Government Employee (SGE) Member |
| Ho, Carlton             | 10/01/2017 | 09/30/2018 | University of Massachusetts Amherst                                      | Special Government Employee (SGE) Member |
| Ho, Koki                | 10/01/2017 | 09/30/2018 | University Of Illinois Urbana Champ                                      | Special Government Employee (SGE) Member |
| Hoagg, Jesse            | 10/01/2017 | 09/30/2018 | University of Kentucky   | Special Government Employee (SGE) Member |
| Hoelzle, David          | 10/01/2017 | 09/30/2018 | Ohio State University  | Special Government Employee (SGE) Member |
| Hoffman, Brenton        | 10/01/2017 | 09/30/2018 | Duke University  | Special Government Employee (SGE) Member |
| Hollmann, Ferdinand     | 10/01/2017 | 09/30/2018 | Deutsche Forschungsgemeinschaft  | Special Government Employee (SGE) Member |
| Holloway, Julianne      | 10/01/2017 | 09/30/2018 | Arizona State University   | Special Government Employee (SGE) Member |
| Horner, Mark            | 10/01/2017 | 09/30/2018 | Florida State University   | Special Government Employee (SGE) Member |
| Howe, James             | 10/01/2017 | 09/30/2018 | University of Virginia   | Special Government Employee (SGE) Member |
| Hsia, K. Jimmy          | 10/01/2017 | 09/30/2018 | Carnegie-Mellon University   | Special Government Employee (SGE) Member |
| Hsieh, Adam             | 10/01/2017 | 09/30/2018 | University of Maryland   | Special Government Employee (SGE) Member |
| Hsu, Keng               | 10/01/2017 | 09/30/2018 | University of Louisville   | Special Government Employee (SGE) Member |

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| Hu, Ai-Ping          | 10/01/2017 09/30/2018 Georgia Tech - School of Biology     | Special Government Employee (SGE) Member |
| Hu, Shan             | 10/01/2017 09/30/2018 Iowa State University                | Special Government Employee (SGE) Member |
| Hu, Yaowu            | 10/01/2017 09/30/2018 SUNY at Buffalo                      | Special Government Employee (SGE) Member |
| Huang, Felix         | 10/01/2017 09/30/2018 Northwestern University              | Special Government Employee (SGE) Member |
| Huang, Qiang         | 10/01/2017 09/30/2018 University of Alabama Tuscaloosa     | Special Government Employee (SGE) Member |
| Huang, Shadow        | 10/01/2017 09/30/2018 North Carolina State University      | Special Government Employee (SGE) Member |
| Huang, Yong          | 10/01/2017 09/30/2018 University of Florida                | Special Government Employee (SGE) Member |
| Huber, Thomas        | 10/01/2017 09/30/2018 Gustavus Adolphus College            | Special Government Employee (SGE) Member |
| Hubler, Mija         | 10/01/2017 09/30/2018 University of Colorado at Boulder    | Special Government Employee (SGE) Member |
| Hueste, Mary-Beth    | 10/01/2017 09/30/2018 Texas A and M University Main Campus | Special Government Employee (SGE) Member |
| Hufnagel, Todd       | 10/01/2017 09/30/2018 Johns Hopkins University             | Special Government Employee (SGE) Member |
| Hughes, Steven       | 10/01/2017 09/30/2018 Colorado State University            | Special Government Employee (SGE) Member |
| Hughes, William      | 10/01/2017 09/30/2018 Boise State University               | Special Government Employee (SGE) Member |
| Hulbert, Gregory     | 10/01/2017 09/30/2018 University of Michigan               | Special Government Employee (SGE) Member |
| Hull, Robert         | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute     | Special Government Employee (SGE) Member |
| Humphrey, Jay        | 10/01/2017 09/30/2018 Yale University                      | Special Government Employee (SGE) Member |
| Hungwe, Kedmon       | 10/01/2017 09/30/2018 Michigan Technological University    | Special Government Employee (SGE) Member |
| Hutcheson, Joshua    | 10/01/2017 09/30/2018 Florida International University     | Special Government Employee (SGE) Member |
| Hutchinson, Tara     | 10/01/2017 09/30/2018 University of California, San Diego  | Special Government Employee (SGE) Member |
| Iakovou, Eleftherios | 10/01/2017 09/30/2018 Texas A&M University Chemistry Dept. | Special Government Employee (SGE) Member |
| Ida, Aletheia        | 10/01/2017 09/30/2018 University of Arizona                | Special Government Employee (SGE) Member |
| Ilies, Horea         | 10/01/2017 09/30/2018 Univ of Connecticut                  | Special Government Employee (SGE) Member |
| Inalpolat, Murat     | 10/01/2017 09/30/2018 Univ of Mass Lowell                  | Special Government Employee (SGE) Member |
| Irish, Jennifer      | 10/01/2017 09/30/2018 Virginia Tech                        | Special Government Employee (SGE) Member |
| Isayev, Avram        | 10/01/2017 09/30/2018 University of Akron                  | Special Government Employee (SGE) Member |
| Iskander, Magued     | 10/01/2017 09/30/2018 New York University                  | Special Government Employee (SGE) Member |
| Islam, Mohammed      | 10/01/2017 09/30/2018 SUNY Oswego                          | Special Government Employee (SGE) Member |
| Jabbari, Esmail      | 10/01/2017 09/30/2018 University of South Carolina         | Special Government Employee (SGE) Member |
| Jabbari, Faryar      | 10/01/2017 09/30/2018 U of Cal Irvine                      | Special Government Employee (SGE) Member |

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| Jablokow, Kathryn        | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park    | Special Government Employee (SGE) Member |
| Jackson, Robert          | 10/01/2017 09/30/2018 Auburn University                          | Special Government Employee (SGE) Member |
| Jacobson, Sheldon        | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign | Special Government Employee (SGE) Member |
| Jafari, Amir             | 10/01/2017 09/30/2018 University of Texas at San Antonio         | Special Government Employee (SGE) Member |
| Jagota, Anand            | 10/01/2017 09/30/2018 Lehigh University                          | Special Government Employee (SGE) Member |
| Jahan, Muhammad          | 10/01/2017 09/30/2018 Miami University                           | Special Government Employee (SGE) Member |
| Jain, Neera              | 10/01/2017 09/30/2018 Purdue University                          | Special Government Employee (SGE) Member |
| Jain, Rahul              | 10/01/2017 09/30/2018 University of Southern California          | Special Government Employee (SGE) Member |
| Jain, Rishee             | 10/01/2017 09/30/2018 Stanford University                        | Special Government Employee (SGE) Member |
| James, Kai               | 10/01/2017 09/30/2018 University Of Illinois At Urbana-champaign | Special Government Employee (SGE) Member |
| Jamieson, Greg           | 10/01/2017 09/30/2018 University of Toronto                      | Special Government Employee (SGE) Member |
| Jariwala, Deep           | 10/01/2017 09/30/2018 University of Pennsylvania                 | Special Government Employee (SGE) Member |
| Jaselskis, Edward        | 10/01/2017 09/30/2018 North Carolina State University            | Special Government Employee (SGE) Member |
| Javanmard, Mehdi         | 10/01/2017 09/30/2018 Rutgers University                         | Special Government Employee (SGE) Member |
| Javernick-Will, Amy      | 10/01/2017 09/30/2018 University of Colorado at Boulder          | Special Government Employee (SGE) Member |
| Jayan, Reeja             | 10/01/2017 09/30/2018 Carnegie-Mellon University                 | Special Government Employee (SGE) Member |
| Jayaraman, Krishnamurthy | 10/01/2017 09/30/2018 Michigan State University                  | Special Government Employee (SGE) Member |
| Jedlicka, Sabrina        | 10/01/2017 09/30/2018 Lehigh University                          | Special Government Employee (SGE) Member |
| Jensen, David            | 10/01/2017 09/30/2018 University of Arkansas                     | Special Government Employee (SGE) Member |
| Jeon, Ju-Won             | 10/01/2017 09/30/2018 University of Alabama Tuscaloosa           | Special Government Employee (SGE) Member |
| Jerath, Kshitij          | 10/01/2017 09/30/2018 Washington State University                | Special Government Employee (SGE) Member |
| Jiang, Mo                | 10/01/2017 09/30/2018 Virginia Commonwealth University           | Special Government Employee (SGE) Member |
| Jiang, Ruiwei            | 10/01/2017 09/30/2018 University of Michigan                     | Special Government Employee (SGE) Member |
| Jiang, Shaoyi            | 10/01/2017 09/30/2018 University of Washington                   | Special Government Employee (SGE) Member |
| Jin, Lihua               | 10/01/2017 09/30/2018 UNIVERSITY OF CALIFORNIA L A               | Special Government Employee (SGE) Member |
| Jing, Yun                | 10/01/2017 09/30/2018 North Carolina State Board of Community    | Special Government Employee (SGE) Member |
| John, Richard            | 10/01/2017 09/30/2018 University of Southern California          | Special Government Employee (SGE) Member |
| Johnson, Alwyn           | 10/01/2017 09/30/2018 Livity Technologies                        | Special Government Employee (SGE) Member |
| Johnson, David           | 10/01/2017 09/30/2018 Purdue University                          | Special Government Employee (SGE) Member |

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| Johnson, Michelle       | 10/01/2017 09/30/2018 University of Pennsylvania               | Special Government Employee (SGE) Member |
| Joiner, Wilsaan         | 10/01/2017 09/30/2018 George Mason University                  | Special Government Employee (SGE) Member |
| Jones, Erick            | 10/01/2017 09/30/2018 University of Texas at Arlington         | Special Government Employee (SGE) Member |
| Jones, Scott            | 10/01/2017 09/30/2018 National Institute of Science and Techno | Regular Government Employee (RGE) Member |
| Jordon, Brian           | 10/01/2017 09/30/2018 University of Alabama                    | Special Government Employee (SGE) Member |
| Judd, Johnn             | 10/01/2017 09/30/2018 University of Wyoming                    | Special Government Employee (SGE) Member |
| Judge, John             | 10/01/2017 09/30/2018 Catholic University of America           | Special Government Employee (SGE) Member |
| Juenger, Maria          | 10/01/2017 09/30/2018 U of Texas Austin                        | Special Government Employee (SGE) Member |
| Jun, Martin             | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| June, Ron               | 10/01/2017 09/30/2018 Montana State University                 | Special Government Employee (SGE) Member |
| Jurchescu, Oana         | 10/01/2017 09/30/2018 Wake Forest University                   | Special Government Employee (SGE) Member |
| Kalaitzidou, Kyriaki    | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Kam, Lance              | 10/01/2017 09/30/2018 Columbia University                      | Special Government Employee (SGE) Member |
| Kamalapurkar, Rushikesh | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government Employee (SGE) Member |
| Kamat, Vineet           | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Kan, Zhen               | 10/01/2017 09/30/2018 University of Iowa                       | Special Government Employee (SGE) Member |
| Kane, Michael           | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Kang, Pilgyu            | 10/01/2017 09/30/2018 George Mason University                  | Special Government Employee (SGE) Member |
| Kanso, Eva              | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Kapoor, Shiv            | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS                   | Special Government Employee (SGE) Member |
| Kar, Aravinda           | 10/01/2017 09/30/2018 Univ. of Central Florida                 | Special Government Employee (SGE) Member |
| Kar, Bandana            | 10/01/2017 09/30/2018 Oak Ridge National Laboratory            | Regular Government Employee (RGE) Member |
| Karimi, Farrokh Jazizad | 10/01/2017 09/30/2018 Virginia Polytechnic Institute State Un  | Special Government Employee (SGE) Member |
| Katehakis, Michael      | 10/01/2017 09/30/2018 Rutgers Univ New Brunswick               | Special Government Employee (SGE) Member |
| Kaunas, Roland          | 10/01/2017 09/30/2018 Texas A&M University Main Campus         | Special Government Employee (SGE) Member |
| Kebliński, Pawel        | 10/01/2017 09/30/2018 Rensselaer Polytech Inst                 | Special Government Employee (SGE) Member |
| Keles, Ozgur            | 10/01/2017 09/30/2018 San Jose State University                | Special Government Employee (SGE) Member |
| Kennedy, Andrew         | 10/01/2017 09/30/2018 University of Notre Dame                 | Special Government Employee (SGE) Member |
| Keskin, Burcu           | 10/01/2017 09/30/2018 University of Alabama Tuscaloosa         | Special Government Employee (SGE) Member |

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| Khandelwal, Kapil     | 10/01/2017 09/30/2018 University of Notre Dame                 | Special Government Employee (SGE) Member |
| Khanikaev, Alexander  | 10/01/2017 09/30/2018 CUNY City College                        | Special Government Employee (SGE) Member |
| Khattak, Asad         | 10/01/2017 09/30/2018 University of Tennessee Knoxville        | Special Government Employee (SGE) Member |
| Khondaker, Saiful     | 10/01/2017 09/30/2018 University of Central Florida            | Special Government Employee (SGE) Member |
| Khonsari, Michael     | 10/01/2017 09/30/2018 Louisians State U & A&M College          | Special Government Employee (SGE) Member |
| Khosravifar, Arash    | 10/01/2017 09/30/2018 Portland State University                | Special Government Employee (SGE) Member |
| Khurshid, Rebecca     | 10/01/2017 09/30/2018 Trustees of Boston University            | Special Government Employee (SGE) Member |
| Kidambi, Piran        | 10/01/2017 09/30/2018 Vanderbilt University                    | Special Government Employee (SGE) Member |
| Kiessler, Peter       | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Killian, Megan        | 10/01/2017 09/30/2018 University of Delaware                   | Special Government Employee (SGE) Member |
| Killpack, Marc        | 10/01/2017 09/30/2018 Brigham Young University                 | Special Government Employee (SGE) Member |
| Kim, David            | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Kim, Duckbong         | 10/01/2017 09/30/2018 Tennessee Technological University       | Special Government Employee (SGE) Member |
| Kim, Harrison         | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government Employee (SGE) Member |
| Kim, Hyunsun          | 10/01/2017 09/30/2018 UNIVERSITY OF CALIFORNIA SAN DIEGO       | Special Government Employee (SGE) Member |
| Kim, Kyung-Suk        | 10/01/2017 09/30/2018 Brown University                         | Special Government Employee (SGE) Member |
| Kim, MinJun           | 10/01/2017 09/30/2018 Southern Methodist University            | Special Government Employee (SGE) Member |
| Kim, Uksun            | 10/01/2017 09/30/2018 California State University at Fullerton | Special Government Employee (SGE) Member |
| Kim, Woo Kyun         | 10/01/2017 09/30/2018 University of Cincinnati Main Campus     | Special Government Employee (SGE) Member |
| Kim, Yong-Rak         | 10/01/2017 09/30/2018 University of Nebraska                   | Special Government Employee (SGE) Member |
| King, Joseph          | 10/01/2017 09/30/2018 Department of Energy                     | Regular Government Employee (RGE) Member |
| King, Russell         | 10/01/2017 09/30/2018 North Carolina State University          | Special Government Employee (SGE) Member |
| Kingstedt, Owen       | 10/01/2017 09/30/2018 University of Utah                       | Special Government Employee (SGE) Member |
| Kinsey, Brad          | 10/01/2017 09/30/2018 University of New Hampshire              | Special Government Employee (SGE) Member |
| Kinzel, Edward        | 10/01/2017 09/30/2018 Missouri University of Sci. and Tech.    | Special Government Employee (SGE) Member |
| Kirk, Wiley           | 10/01/2017 09/30/2018 UNIVERSITY OF TEXAS ARLINGTON            | Special Government Employee (SGE) Member |
| Kitchens, Christopher | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Kobilarov, Marin      | 10/01/2017 09/30/2018 Johns Hopkins University                 | Special Government Employee (SGE) Member |
| Kolel-Veetil, Manoj   | 10/01/2017 09/30/2018 Naval Research Laboratory                | Regular Government Employee (RGE) Member |

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| Koliou, Maria            | 10/01/2017 09/30/2018 Texas A&M Engineering Experiment Station   | Special Government Employee (SGE) Member |
| Kong, Nan                | 10/01/2017 09/30/2018 Purdue University                          | Special Government Employee (SGE) Member |
| Konrad, Renata           | 10/01/2017 09/30/2018 Worcester Polytechnic Institute            | Special Government Employee (SGE) Member |
| Korley, LaShanda         | 10/01/2017 09/30/2018 University Of Delaware                     | Special Government Employee (SGE) Member |
| Koslowski, Marisol       | 10/01/2017 09/30/2018 Purdue University                          | Special Government Employee (SGE) Member |
| Kosmatka, John           | 10/01/2017 09/30/2018 University of California                   | Special Government Employee (SGE) Member |
| Kougioumtzoglou, Ioannis | 10/01/2017 09/30/2018 Columbia University                        | Special Government Employee (SGE) Member |
| Kovar, Desiderio         | 10/01/2017 09/30/2018 U of Texas Austin                          | Special Government Employee (SGE) Member |
| Kowalewski, Timothy      | 10/01/2017 09/30/2018 U of Minnesota-Twin Cities                 | Special Government Employee (SGE) Member |
| Kozloff, Kenneth         | 10/01/2017 09/30/2018 University of Michigan Ann Arbor           | Special Government Employee (SGE) Member |
| Kraft, Frank             | 10/01/2017 09/30/2018 Ohio University                            | Special Government Employee (SGE) Member |
| Kraft, Reuben            | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park    | Special Government Employee (SGE) Member |
| Kramer, Matthew          | 10/01/2017 09/30/2018 Ames Laboratory                            | Special Government Employee (SGE) Member |
| Krejci, Caroline         | 10/01/2017 09/30/2018 University of Texas at Arlington           | Special Government Employee (SGE) Member |
| Krim, Jacqueline         | 10/01/2017 09/30/2018 North Carolina State University            | Special Government Employee (SGE) Member |
| Krishnan, Sitaraman      | 10/01/2017 09/30/2018 Clarkson University                        | Special Government Employee (SGE) Member |
| Krogstad, Jessica        | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign | Special Government Employee (SGE) Member |
| Krstic, Miroslav         | 10/01/2017 09/30/2018 University of California-San Diego         | Special Government Employee (SGE) Member |
| Kruger, Grant            | 10/01/2017 09/30/2018 University Of Michigan                     | Special Government Employee (SGE) Member |
| Kruse, Jamie             | 10/01/2017 09/30/2018 East Carolina University                   | Special Government Employee (SGE) Member |
| Kuchma, Daniel           | 10/01/2017 09/30/2018 Tufts University                           | Special Government Employee (SGE) Member |
| Kucukyavuz, Simge        | 10/01/2017 09/30/2018 University of Washington                   | Special Government Employee (SGE) Member |
| Kuhl, Ellen              | 10/01/2017 09/30/2018 Stanford University                        | Special Government Employee (SGE) Member |
| Kumar, Ashok             | 10/01/2017 09/30/2018 University Of South Florida                | Special Government Employee (SGE) Member |
| Kumara, Soundar          | 10/01/2017 09/30/2018 PA St U University Park                    | Special Government Employee (SGE) Member |
| Kumpel, Emily            | 10/01/2017 09/30/2018 UNIVERSITY OF MASSACHUSETTS AMHERST        | Special Government Employee (SGE) Member |
| Kunc, Vlastimil          | 10/01/2017 09/30/2018 Oak Ridge National Laboratory              | Special Government Employee (SGE) Member |
| Kundu, Santanu           | 10/01/2017 09/30/2018 Mississippi State University               | Special Government Employee (SGE) Member |
| Kurt, Mehmet             | 10/01/2017 09/30/2018 Stevens Institute of Technology            | Special Government Employee (SGE) Member |

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|---------------------|---|--|
| Kurz, Mary          | 10/01/2017 09/30/2018 Clemson University                          | Special Government Employee (SGE) Member |
| Kwon, Patrick       | 10/01/2017 09/30/2018 Michigan State University                   | Special Government Employee (SGE) Member |
| Kyriakides, Stelios | 10/01/2017 09/30/2018 U of Texas Austin                           | Special Government Employee (SGE) Member |
| LaViers, Amy        | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS                      | Special Government Employee (SGE) Member |
| Labuz, Joseph       | 10/01/2017 09/30/2018 U of Minnesota-Twin Cities                  | Special Government Employee (SGE) Member |
| Lachlan, Kenneth    | 10/01/2017 09/30/2018 University of Connecticut                   | Special Government Employee (SGE) Member |
| Laflamme, Simon     | 10/01/2017 09/30/2018 Iowa State University                       | Special Government Employee (SGE) Member |
| Lake, Spencer       | 10/01/2017 09/30/2018 Washington University in St. Louis          | Special Government Employee (SGE) Member |
| Lambert, James      | 10/01/2017 09/30/2018 University of Virginia                      | Special Government Employee (SGE) Member |
| Landers, Robert     | 10/01/2017 09/30/2018 Missouri University of Science and Techn    | Special Government Employee (SGE) Member |
| Landon, Melissa     | 10/01/2017 09/30/2018 University of Maine                         | Special Government Employee (SGE) Member |
| Lannutti, John      | 10/01/2017 09/30/2018 Ohio State University                       | Special Government Employee (SGE) Member |
| Lansey, Kevin       | 10/01/2017 09/30/2018 University of Arizona                       | Special Government Employee (SGE) Member |
| Larochelle, Pierre  | 10/01/2017 09/30/2018 South Dakota School Of Mines And Technology | Special Government Employee (SGE) Member |
| Laval, Jorge        | 10/01/2017 09/30/2018 GA Tech Research Corporation - GA Instit    | Special Government Employee (SGE) Member |
| Lavieri, Mariel     | 10/01/2017 09/30/2018 University of Michigan                      | Special Government Employee (SGE) Member |
| Le, Jia-Liang       | 10/01/2017 09/30/2018 University of Minnesota-Twin Cities         | Special Government Employee (SGE) Member |
| Leamy, Michael      | 10/01/2017 09/30/2018 Georgia Institute of Technology             | Special Government Employee (SGE) Member |
| Lee, Eva            | 10/01/2017 09/30/2018 Georgia Institute of Tech                   | Special Government Employee (SGE) Member |
| Lee, Howon          | 10/01/2017 09/30/2018 Rutgers University                          | Special Government Employee (SGE) Member |
| Lee, Jonghyun       | 10/01/2017 09/30/2018 Iowa State University                       | Special Government Employee (SGE) Member |
| Lee, Patrick        | 10/01/2017 09/30/2018 UNIVERSITY OF VERMONT                       | Special Government Employee (SGE) Member |
| Lee, Soobum         | 10/01/2017 09/30/2018 University of Maryland Baltimore County     | Special Government Employee (SGE) Member |
| Legleiter, Justin   | 10/01/2017 09/30/2018 West Virginia University                    | Special Government Employee (SGE) Member |
| Lemmon, Christopher | 10/01/2017 09/30/2018 Virginia Commonwealth University            | Special Government Employee (SGE) Member |
| Lemnitzer, Anne     | 10/01/2017 09/30/2018 UNIVERSITY OF CALIFORNIA IRVINE             | Special Government Employee (SGE) Member |
| Leng, Yongsheng     | 10/01/2017 09/30/2018 George Washington University                | Special Government Employee (SGE) Member |
| Leon, Roberto       | 10/01/2017 09/30/2018 Virginia Polytechnic Institute and State    | Special Government Employee (SGE) Member |
| Leonessa, Alexander | 10/01/2017 09/30/2018 Virginia Polytechnic Institute State Un     | Special Government Employee (SGE) Member |

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| Lequesne, Remy   | 10/01/2017 09/30/2018 UNIVERSITY OF KANSAS  | Special Government<br>Employee (SGE) Member |
| Lerner, Mitchell | 10/01/2017 09/30/2018 Nanomedical Diagnostics                                       | Special Government<br>Employee (SGE) Member |
| Lessner, Susan   | 10/01/2017 09/30/2018 University of South CarolinaSchool of Meicine                 | Special Government<br>Employee (SGE) Member |
| Letchford, Chris | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute                              | Special Government<br>Employee (SGE) Member |
| Leve, Frederick  | 10/01/2017 09/30/2018 Air Force Office of Scientific Research                       | Regular Government<br>Employee (RGE) Member |
| Levenston, Marc  | 10/01/2017 09/30/2018 Stanford University   | Special Government<br>Employee (SGE) Member |
| Levi, Retsef     | 10/01/2017 09/30/2018 Massachusetts Institute of Technology                         | Special Government<br>Employee (SGE) Member |
| Lew, Adrian      | 10/01/2017 09/30/2018 Stanford University   | Special Government<br>Employee (SGE) Member |
| Lewis, Kemper    | 10/01/2017 09/30/2018 University at Buffalo   | Special Government<br>Employee (SGE) Member |
| Li, Bingbing     | 10/01/2017 09/30/2018 CALIFORNIA STATE UNIVERSITY,<br>NORTHRIDGE                    | Special Government<br>Employee (SGE) Member |
| Li, Bowen        | 10/01/2017 09/30/2018 Michigan Technological University                             | Special Government<br>Employee (SGE) Member |
| Li, Christopher  | 10/01/2017 09/30/2018 Drexel University   | Special Government<br>Employee (SGE) Member |
| Li, Gang         | 10/01/2017 09/30/2018 Clemson University  | Special Government<br>Employee (SGE) Member |
| Li, Jian         | 10/01/2017 09/30/2018 University of Kansas Main Campus                              | Special Government<br>Employee (SGE) Member |
| Li, Jr-Shin      | 10/01/2017 09/30/2018 Washington University   | Special Government<br>Employee (SGE) Member |
| Li, Mingda       | 10/01/2017 09/30/2018 MIT   | Special Government<br>Employee (SGE) Member |
| Li, Mo           | 10/01/2017 09/30/2018 University of California-Irvine                               | Special Government<br>Employee (SGE) Member |
| Li, Suyi         | 10/01/2017 09/30/2018 Clemson University  | Special Government<br>Employee (SGE) Member |
| Li, Weiyang      | 10/01/2017 09/30/2018 Dartmouth College   | Special Government<br>Employee (SGE) Member |
| Li, Xiantao      | 10/01/2017 09/30/2018 PENNSYLVANIA STATE UNIVERSITY                                 | Special Government<br>Employee (SGE) Member |
| Li, Xiaodong     | 10/01/2017 09/30/2018 University of Virginia  | Special Government<br>Employee (SGE) Member |
| Li, Yaning       | 10/01/2017 09/30/2018 University of New Hampshire                                   | Special Government<br>Employee (SGE) Member |
| Li, Ye           | 10/01/2017 09/30/2018 Bradley University  | Special Government<br>Employee (SGE) Member |
| Li, Yue          | 10/01/2017 09/30/2018 Case Western Reserve University                               | Special Government<br>Employee (SGE) Member |
| Liang, Daan      | 10/01/2017 09/30/2018 Texas Tech University   | Special Government<br>Employee (SGE) Member |
| Liang, Richard   | 10/01/2017 09/30/2018 Florida State University - FAMU-FSU College of<br>Engineering | Special Government<br>Employee (SGE) Member |
| Liang, Rongguang | 10/01/2017 09/30/2018 University of Arizona   | Special Government<br>Employee (SGE) Member |
| Liang, Xiaogan   | 10/01/2017 09/30/2018 University of Michigan  | Special Government<br>Employee (SGE) Member |
| Liao, Yiliang    | 10/01/2017 09/30/2018 University of Nevada  | Special Government<br>Employee (SGE) Member |

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|--------------------------|---|--|
| Liaw, Peter              | 10/01/2017 09/30/2018 University of Tennessee-Knoxville   | Special Government Employee (SGE) Member |
| Liel, Abbie              | 10/01/2017 09/30/2018 University of Colorado at Boulder   | Special Government Employee (SGE) Member |
| Likos, William           | 10/01/2017 09/30/2018 University of Wisconsin             | Special Government Employee (SGE) Member |
| Lin, Dong                | 10/01/2017 09/30/2018 Kansas State University             | Special Government Employee (SGE) Member |
| Lin, Jian                | 10/01/2017 09/30/2018 University of Missouri-Columbia     | Special Government Employee (SGE) Member |
| Lin, Jie                 | 10/01/2017 09/30/2018 University Of Illinois At Chicago   | Special Government Employee (SGE) Member |
| Lin, Yingzi              | 10/01/2017 09/30/2018 Northeastern University             | Special Government Employee (SGE) Member |
| Lin, Yuankun             | 10/01/2017 09/30/2018 University of North Texas           | Special Government Employee (SGE) Member |
| Lin, Zhiquan             | 10/01/2017 09/30/2018 Georgia Institute Of Technology     | Special Government Employee (SGE) Member |
| Lindell, Michael         | 10/01/2017 09/30/2018 U of Washington                     | Special Government Employee (SGE) Member |
| Linderman, Lauren        | 10/01/2017 09/30/2018 University of Minnesota-Twin Cities | Special Government Employee (SGE) Member |
| Linke, Barbara           | 10/01/2017 09/30/2018 Univ. of Cal Davis                  | Special Government Employee (SGE) Member |
| Linsey, Julie            | 10/01/2017 09/30/2018 Georgia Tech -                      | Special Government Employee (SGE) Member |
| Lissenden, Cliff         | 10/01/2017 09/30/2018 PENNSYLVANIA STATE UNIVERSITY       | Special Government Employee (SGE) Member |
| Little, Rich             | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute    | Special Government Employee (SGE) Member |
| Liu, Haijun              | 10/01/2017 09/30/2018 Temple University                   | Special Government Employee (SGE) Member |
| Liu, Kaibo               | 10/01/2017 09/30/2018 U of Wisconsin Madison              | Special Government Employee (SGE) Member |
| Liu, Liping              | 10/01/2017 09/30/2018 Rutgers Univ New Brunswick          | Special Government Employee (SGE) Member |
| Liu, Xiao                | 10/01/2017 09/30/2018 University of Arkansas              | Special Government Employee (SGE) Member |
| Liu, Yucheng             | 10/01/2017 09/30/2018 Mississippi State University        | Special Government Employee (SGE) Member |
| Liu, Zi-Kui              | 10/01/2017 09/30/2018 The Penn State University           | Special Government Employee (SGE) Member |
| Lodree, Emmett           | 10/01/2017 09/30/2018 The University of Alabama           | Special Government Employee (SGE) Member |
| Loh, Kenneth             | 10/01/2017 09/30/2018 Uc San Diego                        | Special Government Employee (SGE) Member |
| Long, Rong               | 10/01/2017 09/30/2018 University of Colorado at Boulder   | Special Government Employee (SGE) Member |
| Lopez-Jimenez, Francisco | 10/01/2017 09/30/2018 University of Colorado at Boulder   | Special Government Employee (SGE) Member |
| Lopez-Pamies, Oscar      | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS              | Special Government Employee (SGE) Member |
| Lou, Jun                 | 10/01/2017 09/30/2018 William Marsh Rice Univ             | Special Government Employee (SGE) Member |
| Lou, Xiaoyuan            | 10/01/2017 09/30/2018 Auburn University                   | Special Government Employee (SGE) Member |
| Lou, Yingyan             | 10/01/2017 09/30/2018 Arizona State University            | Special Government Employee (SGE) Member |

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| Louis, Garrick       | 10/01/2017 09/30/2018 University of Virginia Main Campus       | Special Government Employee (SGE) Member |
| Lu, Hongbing         | 10/01/2017 09/30/2018 The University of Texas at Dallas        | Special Government Employee (SGE) Member |
| Lu, Kathy            | 10/01/2017 09/30/2018 Virginia Polytechnic Institute and State | Special Government Employee (SGE) Member |
| Lu, Nanshu           | 10/01/2017 09/30/2018 U of Texas Austin                        | Special Government Employee (SGE) Member |
| Lu, Weiyi            | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Lucca, Don           | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government Employee (SGE) Member |
| Lugo, Jose           | 10/01/2017 09/30/2018 U. Of Puerto Rico, Mayaguez              | Special Government Employee (SGE) Member |
| Lui, Eric            | 10/01/2017 09/30/2018 Syracuse University                      | Special Government Employee (SGE) Member |
| Lujan, Trevor        | 10/01/2017 09/30/2018 Boise State University                   | Special Government Employee (SGE) Member |
| Luke, Barbara        | 10/01/2017 09/30/2018 University of Nevada Las Vegas           | Special Government Employee (SGE) Member |
| Luna, Ronaldo        | 10/01/2017 09/30/2018 ST LOUIS UNIVERSITY                      | Special Government Employee (SGE) Member |
| Luo, Cheng           | 10/01/2017 09/30/2018 University of Texas at Arlington         | Special Government Employee (SGE) Member |
| Lykotrafitis, George | 10/01/2017 09/30/2018 University of Connecticut                | Special Government Employee (SGE) Member |
| Lyles, Ward          | 10/01/2017 09/30/2018 University Of Kansas Main Campus         | Special Government Employee (SGE) Member |
| Lynch, Jerome        | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Lynch, Kevin         | 10/01/2017 09/30/2018 Northwestern University                  | Special Government Employee (SGE) Member |
| Ma, Chao             | 10/01/2017 09/30/2018 Texas A&M University Main Campus         | Special Government Employee (SGE) Member |
| Ma, Jiaqi            | 10/01/2017 09/30/2018 University of Cincinnati Main Campus     | Special Government Employee (SGE) Member |
| Ma, Yanbao           | 10/01/2017 09/30/2018 University of California - Merced        | Special Government Employee (SGE) Member |
| Ma, Zhongguo         | 10/01/2017 09/30/2018 University of Tennessee Knoxville        | Special Government Employee (SGE) Member |
| MacDonald, Erin      | 10/01/2017 09/30/2018 Stanford University EH&S                 | Special Government Employee (SGE) Member |
| Macal, Charles       | 10/01/2017 09/30/2018 Argonne National LabDIS                  | Special Government Employee (SGE) Member |
| Macdonald, Eric      | 10/01/2017 09/30/2018 Youngstown State University              | Special Government Employee (SGE) Member |
| Maciejewski, Ross    | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Mackenzie, Cameron   | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Macosko, Christopher | 10/01/2017 09/30/2018 University of Minnesota                  | Special Government Employee (SGE) Member |
| Madan, Deepa         | 10/01/2017 09/30/2018 University of Maryland Baltimore County  | Special Government Employee (SGE) Member |
| Madanat, Samer       | 10/01/2017 09/30/2018 New York University                      | Special Government Employee (SGE) Member |
| Mahmoodi, Seyed Nima | 10/01/2017 09/30/2018 U of Alabama Tuscaloosa                  | Special Government Employee (SGE) Member |

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|-----------------------|--|---|
| Maia, Joao            | 10/01/2017 09/30/2018 Case Western Reserve                   | Special Government<br>Employee (SGE) Member |
| Main, Russell         | 10/01/2017 09/30/2018 Purdue University                      | Special Government<br>Employee (SGE) Member |
| Makris, Nicos         | 10/01/2017 09/30/2018 Southern Methodist University          | Special Government<br>Employee (SGE) Member |
| Malhotra, Rajiv       | 10/01/2017 09/30/2018 Rutgers Univ New Brunswick             | Special Government<br>Employee (SGE) Member |
| Malikopoulos, Andreas | 10/01/2017 09/30/2018 University Of Delaware                 | Special Government<br>Employee (SGE) Member |
| Malmstadt, Noah       | 10/01/2017 09/30/2018 U of Southern California               | Special Government<br>Employee (SGE) Member |
| Mann, Brian           | 10/01/2017 09/30/2018 Duke University                        | Special Government<br>Employee (SGE) Member |
| Manogharan, Guha      | 10/01/2017 09/30/2018 PENNSYLVANIA STATE UNIVERSITY          | Special Government<br>Employee (SGE) Member |
| Mantell, Susan        | 10/01/2017 09/30/2018 U of Minnesota-Twin Cities             | Special Government<br>Employee (SGE) Member |
| Manuel, Lance         | 10/01/2017 09/30/2018 University of Texas at Austin          | Special Government<br>Employee (SGE) Member |
| Marais, Karen         | 10/01/2017 09/30/2018 Purdue University                      | Special Government<br>Employee (SGE) Member |
| Marelli, Benedetto    | 10/01/2017 09/30/2018 Massachusetts Institute of Technology  | Special Government<br>Employee (SGE) Member |
| Marsh, Eric           | 10/01/2017 09/30/2018 PA St U University Park                | Special Government<br>Employee (SGE) Member |
| Martin, James         | 10/01/2017 09/30/2018 Clemson University                     | Special Government<br>Employee (SGE) Member |
| Martinez, Alejandro   | 10/01/2017 09/30/2018 University of California, Davis        | Special Government<br>Employee (SGE) Member |
| Martinez, Marcias     | 10/01/2017 09/30/2018 Clarkson University                    | Special Government<br>Employee (SGE) Member |
| Martinez, Ramses      | 10/01/2017 09/30/2018 Purdue University                      | Special Government<br>Employee (SGE) Member |
| Mascaro, Giuseppe     | 10/01/2017 09/30/2018 Arizona State University               | Special Government<br>Employee (SGE) Member |
| Mashnad, Mehedy       | 10/01/2017 09/30/2018 Walter P Moore                         | Special Government<br>Employee (SGE) Member |
| Masic, Admir          | 10/01/2017 09/30/2018 Massachusetts Institute of Technology  | Special Government<br>Employee (SGE) Member |
| Matlack, Kathryn      | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS                 | Special Government<br>Employee (SGE) Member |
| Matthews, Manyalibo   | 10/01/2017 09/30/2018 Lawrence Livermore National Laboratory | Special Government<br>Employee (SGE) Member |
| Mattingly, Stephen    | 10/01/2017 09/30/2018 University of Texas at Arlington       | Special Government<br>Employee (SGE) Member |
| Mattson, Christopher  | 10/01/2017 09/30/2018 Brigham Young University               | Special Government<br>Employee (SGE) Member |
| Maute, Kurt           | 10/01/2017 09/30/2018 University of Colorado at Boulder      | Special Government<br>Employee (SGE) Member |
| Mayorga, Maria        | 10/01/2017 09/30/2018 North Carolina State University        | Special Government<br>Employee (SGE) Member |
| Mazzeo, Aaron         | 10/01/2017 09/30/2018 Rutgers University                     | Special Government<br>Employee (SGE) Member |
| McAdams, Daniel       | 10/01/2017 09/30/2018 Texas A and M University               | Special Government<br>Employee (SGE) Member |
| McElwee-White, Lisa   | 10/01/2017 09/30/2018 University of Florida                  | Special Government<br>Employee (SGE) Member |

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| McGee-Lawrence, Meghan | 10/01/2017 | 09/30/2018 | AUGUSTA STATE UNIVERSITY                 | Special Government Employee (SGE) Member |
| McGowan, Anna-Maria    | 10/01/2017 | 09/30/2018 | National Aeronautics & Space Administrat | Regular Government Employee (RGE) Member |
| McGuffin-Cawley, James | 10/01/2017 | 09/30/2018 | Case Western Reserve University          | Special Government Employee (SGE) Member |
| McHenry, Peter         | 10/01/2017 | 09/30/2018 | College of William and Mary              | Special Government Employee (SGE) Member |
| McKnight, Steven       | 10/01/2017 | 09/30/2018 | Virginia Polytechnic Institute and State | Special Government Employee (SGE) Member |
| Mckilligan, Seda       | 10/01/2017 | 09/30/2018 | Iowa State University                    | Special Government Employee (SGE) Member |
| Mears, Laine           | 10/01/2017 | 09/30/2018 | Clemson University                       | Special Government Employee (SGE) Member |
| Meaud, Julien          | 10/01/2017 | 09/30/2018 | Georgia Tech Research Corporation - GA T | Special Government Employee (SGE) Member |
| Mecartney, Martha      | 10/01/2017 | 09/30/2018 | University of California-Irvine          | Special Government Employee (SGE) Member |
| Meckl, Peter           | 10/01/2017 | 09/30/2018 | Purdue University                        | Special Government Employee (SGE) Member |
| Medeiros, Henry        | 10/01/2017 | 09/30/2018 | Marquette University                     | Special Government Employee (SGE) Member |
| Medina, Ricardo        | 10/01/2017 | 09/30/2018 | University of New Hampshire              | Special Government Employee (SGE) Member |
| Meegoda, Jay           | 10/01/2017 | 09/30/2018 | New Jersey Institute of Technology       | Special Government Employee (SGE) Member |
| Mehrotra, Sanjay       | 10/01/2017 | 09/30/2018 | Northwestern University                  | Special Government Employee (SGE) Member |
| Mehta, Ankur           | 10/01/2017 | 09/30/2018 | UCLA-HIGHER EDUCATION RESEARCH INSTITUTE | Special Government Employee (SGE) Member |
| Mehta, Kishor          | 10/01/2017 | 09/30/2018 | Texas Tech University                    | Special Government Employee (SGE) Member |
| Meidani, Hadi          | 10/01/2017 | 09/30/2018 | University of Illinois at Urbana-Champai | Special Government Employee (SGE) Member |
| Melby, Jeffrey         | 10/01/2017 | 09/30/2018 | Noble Consultants GEC                    | Special Government Employee (SGE) Member |
| Melkote, Shreyes       | 10/01/2017 | 09/30/2018 | Georgia Institute of Tech                | Special Government Employee (SGE) Member |
| Mendonca, David        | 10/01/2017 | 09/30/2018 | Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Mercan, Oya            | 10/01/2017 | 09/30/2018 | University of Toronto                    | Special Government Employee (SGE) Member |
| Mettler, Berenice      | 10/01/2017 | 09/30/2018 | University of Minnesota                  | Special Government Employee (SGE) Member |
| Migler, Kalman         | 10/01/2017 | 09/30/2018 | National Institute of Standards and Tech | Regular Government Employee (RGE) Member |
| Miles, Michael         | 10/01/2017 | 09/30/2018 | Brigham Young University                 | Special Government Employee (SGE) Member |
| Miletic, Marta         | 10/01/2017 | 09/30/2018 | Auburn University                        | Special Government Employee (SGE) Member |
| Miller-Hooks, Elise    | 10/01/2017 | 09/30/2018 | George Mason University                  | Special Government Employee (SGE) Member |
| Miller, Carol          | 10/01/2017 | 09/30/2018 | Wayne State University                   | Special Government Employee (SGE) Member |
| Miller, Jon            | 10/01/2017 | 09/30/2018 | Stevens Institute of Technology          | Special Government Employee (SGE) Member |
| Miller, Sabbie         | 10/01/2017 | 09/30/2018 | University of California-Davis           | Special Government Employee (SGE) Member |

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|------------------------|------------|------------|---|--|
| Miller, Victoria       | 10/01/2017 | 09/30/2018 | North Carolina State University         | Special Government Employee (SGE) Member |
| Minary-Jolandan, Majid | 10/01/2017 | 09/30/2018 | University of Texas at Dallas           | Special Government Employee (SGE) Member |
| Minteer, Shelley       | 10/01/2017 | 09/30/2018 | University of Utah                      | Special Government Employee (SGE) Member |
| Mishra, Rajiv          | 10/01/2017 | 09/30/2018 | University of North Texas               | Special Government Employee (SGE) Member |
| Mishra, Sandipan       | 10/01/2017 | 09/30/2018 | Rensselaer Polytechnic Institute        | Special Government Employee (SGE) Member |
| Misiolek, Wojciech     | 10/01/2017 | 09/30/2018 | Lehigh University                       | Special Government Employee (SGE) Member |
| Misra, Anil            | 10/01/2017 | 09/30/2018 | University of Kansas                    | Special Government Employee (SGE) Member |
| Mitrani-Reiser, Judith | 10/01/2017 | 09/30/2018 | NIST                                    | Regular Government Employee (RGE) Member |
| Mochrie, Simon         | 10/01/2017 | 09/30/2018 | Yale University                         | Special Government Employee (SGE) Member |
| Mockensturm, Eric      | 10/01/2017 | 09/30/2018 | Pennsylvania State Univ University Park | Special Government Employee (SGE) Member |
| Moehlis, Jeff          | 10/01/2017 | 09/30/2018 | U of Cal Santa Barbara                  | Special Government Employee (SGE) Member |
| Mohr, Benjamin         | 10/01/2017 | 09/30/2018 | Tennessee Technological University      | Special Government Employee (SGE) Member |
| Mondal, Paramita       | 10/01/2017 | 09/30/2018 | University of Delaware                  | Special Government Employee (SGE) Member |
| Monson, Ken            | 10/01/2017 | 09/30/2018 | University of Utah                      | Special Government Employee (SGE) Member |
| Montazami, Reza        | 10/01/2017 | 09/30/2018 | Iowa State University                   | Special Government Employee (SGE) Member |
| Mooney, Michael        | 10/01/2017 | 09/30/2018 | Colorado School of Mines                | Special Government Employee (SGE) Member |
| Moore, Kelly           | 10/01/2017 | 09/30/2018 | Loyola University of Chicago            | Special Government Employee (SGE) Member |
| Moran, Peter           | 10/01/2017 | 09/30/2018 | Michigan Technological University       | Special Government Employee (SGE) Member |
| Morgan, Kara           | 10/01/2017 | 09/30/2018 | Quant Policy Strategies, LLC            | Special Government Employee (SGE) Member |
| Mosalam, Khalid        | 10/01/2017 | 09/30/2018 | University of California-Berkeley       | Special Government Employee (SGE) Member |
| Mosqueda, Gilberto     | 10/01/2017 | 09/30/2018 | U of Cal San Diego                      | Special Government Employee (SGE) Member |
| Motley, Michael        | 10/01/2017 | 09/30/2018 | University of Washington                | Special Government Employee (SGE) Member |
| Moustafa, Mohamed      | 10/01/2017 | 09/30/2018 | University of Nevada                    | Special Government Employee (SGE) Member |
| Mueller, Caitlin       | 10/01/2017 | 09/30/2018 | Massachusetts Institute of Technology   | Special Government Employee (SGE) Member |
| Muhunthan, Balasingam  | 10/01/2017 | 09/30/2018 | Washington State University             | Special Government Employee (SGE) Member |
| Mukherjee, Sundeep     | 10/01/2017 | 09/30/2018 | University of North Texas               | Special Government Employee (SGE) Member |
| Mukhopadhyay, Ashis    | 10/01/2017 | 09/30/2018 | Wayne State University                  | Special Government Employee (SGE) Member |
| Muliana, Anastasia     | 10/01/2017 | 09/30/2018 | Texas Engineering Exp Sta               | Special Government Employee (SGE) Member |
| Murphey, Todd          | 10/01/2017 | 09/30/2018 | Northwestern University                 | Special Government Employee (SGE) Member |

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| Myers, Kristin        | 10/01/2017 09/30/2018 Columbia University                      | Special Government Employee (SGE) Member |
| Nagarajaiah, Satish   | 10/01/2017 09/30/2018 William Marsh Rice Univ                  | Special Government Employee (SGE) Member |
| Nain, Amrinder        | 10/01/2017 09/30/2018 Virginia Polytechnic Institute and State | Special Government Employee (SGE) Member |
| Nair, Arun            | 10/01/2017 09/30/2018 University of Arkansas                   | Special Government Employee (SGE) Member |
| Nam, Jong-Hoon        | 10/01/2017 09/30/2018 University of Rochester                  | Special Government Employee (SGE) Member |
| Nash, Stephen         | 10/01/2017 09/30/2018 George Mason University                  | Special Government Employee (SGE) Member |
| Nateghi, Roshanak     | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Neal, David           | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government Employee (SGE) Member |
| Nedich, Angelia       | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Negahban, Mehrdad     | 10/01/2017 09/30/2018 University of Nebraska                   | Special Government Employee (SGE) Member |
| Negrut, Dan           | 10/01/2017 09/30/2018 U of Wisconsin Madison                   | Special Government Employee (SGE) Member |
| Neibur, Glen          | 10/01/2017 09/30/2018 UNIVERSITY OF NOTRE DAME                 | Special Government Employee (SGE) Member |
| Neithalath, Narayanan | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Nejad, Mark           | 10/01/2017 09/30/2018 University Of Delaware                   | Special Government Employee (SGE) Member |
| Nejat, Ali            | 10/01/2017 09/30/2018 Texas Tech University                    | Special Government Employee (SGE) Member |
| Nelson, Priscilla     | 10/01/2017 09/30/2018 Colorado School of Mines                 | Special Government Employee (SGE) Member |
| Ngaile, Gracious      | 10/01/2017 09/30/2018 North Carolina State University          | Special Government Employee (SGE) Member |
| Nguyen, Vicky         | 10/01/2017 09/30/2018 Johns Hopkins University                 | Special Government Employee (SGE) Member |
| Ni, Chaoying          | 10/01/2017 09/30/2018 University of Delaware                   | Special Government Employee (SGE) Member |
| Ni, Daiheng           | 10/01/2017 09/30/2018 University of Massachusetts Amherst      | Special Government Employee (SGE) Member |
| Nian, Qiong           | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Nicolella, Daniel     | 10/01/2017 09/30/2018 Southwest Research Institute             | Special Government Employee (SGE) Member |
| Nie, Yu               | 10/01/2017 09/30/2018 Northwestern University                  | Special Government Employee (SGE) Member |
| Nielson, Kristy       | 10/01/2017 09/30/2018 Marquette University                     | Special Government Employee (SGE) Member |
| Nikoobakht, Babak     | 10/01/2017 09/30/2018 NATIONAL INSTITUTE OF STANDARDS AND TECH | Regular Government Employee (RGE) Member |
| Norato, Julian        | 10/01/2017 09/30/2018 University Of Connecticut                | Special Government Employee (SGE) Member |
| Nosonovsky, Michael   | 10/01/2017 09/30/2018 University of Wisconsin-Milwaukee        | Special Government Employee (SGE) Member |
| Nouh, Mostafa         | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government Employee (SGE) Member |
| Nurre, Sarah          | 10/01/2017 09/30/2018 University of Arkansas                   | Special Government Employee (SGE) Member |

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| Nyman, Jeffry           | 10/01/2017 09/30/2018 Vanderbilt U Med Ctr                     | Special Government Employee (SGE) Member |
| O'Connell, Grace        | 10/01/2017 09/30/2018 UNIVERSITY OF CALIFORNIA BERKELEY        | Special Government Employee (SGE) Member |
| O'Connor, Brendan       | 10/01/2017 09/30/2018 North Carolina State University          | Special Government Employee (SGE) Member |
| O'Neill, Zheng          | 10/01/2017 09/30/2018 University of Alabama Tuscaloosa         | Special Government Employee (SGE) Member |
| Oates, William          | 10/01/2017 09/30/2018 Florida State University                 | Special Government Employee (SGE) Member |
| Ogale, Amod             | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Oishi, Meeko            | 10/01/2017 09/30/2018 University of New Mexico                 | Special Government Employee (SGE) Member |
| Okamura, Allison        | 10/01/2017 09/30/2018 Stanford University                      | Special Government Employee (SGE) Member |
| Olivera, Francisco      | 10/01/2017 09/30/2018 Texas Engineering Experiment Station     | Special Government Employee (SGE) Member |
| Onal, Cagdas            | 10/01/2017 09/30/2018 Worcester Polytechnic Institute          | Special Government Employee (SGE) Member |
| Orlovskaya, Nina        | 10/01/2017 09/30/2018 U of Central Florida                     | Special Government Employee (SGE) Member |
| Orton, Sarah            | 10/01/2017 09/30/2018 U of Missouri Columbia                   | Special Government Employee (SGE) Member |
| Osorio Pizano, Carolina | 10/01/2017 09/30/2018 MIT                                      | Special Government Employee (SGE) Member |
| Oswald, Jay             | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Ounaies, Zoubeida       | 10/01/2017 09/30/2018 Penn State University                    | Special Government Employee (SGE) Member |
| Ouyang, Yanfeng         | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government Employee (SGE) Member |
| Owolabi, Gbadebo        | 10/01/2017 09/30/2018 Howard University                        | Special Government Employee (SGE) Member |
| Ozel, Tugrul            | 10/01/2017 09/30/2018 Rutgers University                       | Special Government Employee (SGE) Member |
| Ozisik, Rahmi           | 10/01/2017 09/30/2018 Rensselaer Polytech Inst                 | Special Government Employee (SGE) Member |
| Padalkar, Sonal         | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Pakzad, Shamim          | 10/01/2017 09/30/2018 Lehigh University                        | Special Government Employee (SGE) Member |
| Paley, Derek            | 10/01/2017 09/30/2018 U of MD College Park                     | Special Government Employee (SGE) Member |
| Pan, Heng               | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government Employee (SGE) Member |
| Pan, Yayue              | 10/01/2017 09/30/2018 University of Illinois at Chicago        | Special Government Employee (SGE) Member |
| Panat, Rahul            | 10/01/2017 09/30/2018 Carnegie Mellon University               | Special Government Employee (SGE) Member |
| Panchal, Jitesh         | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Panchapakesan, Balaji   | 10/01/2017 09/30/2018 Worcester Polytechnic Institute          | Special Government Employee (SGE) Member |
| Pando, Miguel           | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government Employee (SGE) Member |
| Pang, Weichiang         | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |

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| Papakonstantinou, Kostantinou | 10/01/2017 09/30/2018 The Pennsylvania State University        | Special Government Employee (SGE) Member |
| Papalambros, Panos            | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Parikh, Pratik                | 10/01/2017 09/30/2018 Wright State University                  | Special Government Employee (SGE) Member |
| Parkinson, Matthew            | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park  | Special Government Employee (SGE) Member |
| Parra-Montesinos, Gustavo     | 10/01/2017 09/30/2018 U of Wisconsin Madison                   | Special Government Employee (SGE) Member |
| Parrish, Kristen              | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Pasebani, Somayeh             | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Pasik-Duncan, Bozena          | 10/01/2017 09/30/2018 University of Kansas Main Campus         | Special Government Employee (SGE) Member |
| Pataky, Garrett               | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Pathak, Amit                  | 10/01/2017 09/30/2018 Washington University                    | Special Government Employee (SGE) Member |
| Patnaik, Anil                 | 10/01/2017 09/30/2018 The University of Akron                  | Special Government Employee (SGE) Member |
| Patra, Abani                  | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government Employee (SGE) Member |
| Patterson, Burton             | 10/01/2017 09/30/2018 University of Florida                    | Special Government Employee (SGE) Member |
| Paul, Brian                   | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Paulino, Glaucio              | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Pavelsky, Tamlin              | 10/01/2017 09/30/2018 University of North Carolina at Chapel H | Special Government Employee (SGE) Member |
| Pazour, Jennifer              | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Pearson, Raymond              | 10/01/2017 09/30/2018 Lehigh University                        | Special Government Employee (SGE) Member |
| Pedrielli, Giulia             | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Peek, Lori                    | 10/01/2017 09/30/2018 University of Colorado Boulder           | Special Government Employee (SGE) Member |
| Peethamparan, Sulapha         | 10/01/2017 09/30/2018 Clarkson University                      | Special Government Employee (SGE) Member |
| Pei, Zhijian                  | 10/01/2017 09/30/2018 TEXAS A&M UNIVERSITY                     | Special Government Employee (SGE) Member |
| Pelegri, Assimina             | 10/01/2017 09/30/2018 Rutgers Univ New Brunswick               | Special Government Employee (SGE) Member |
| Pellegrino, Sergio            | 10/01/2017 09/30/2018 California Inst of Tech                  | Special Government Employee (SGE) Member |
| Pender, Jamol                 | 10/01/2017 09/30/2018 Cornell University                       | Special Government Employee (SGE) Member |
| Pendyala, Ram                 | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Pequito, Sergio               | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Perakis, Georgia              | 10/01/2017 09/30/2018 MIT                                      | Special Government Employee (SGE) Member |
| Peralta, Pedro                | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |

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| Pestana, Juan Manuel | 10/01/2017 09/30/2018 Geosyntec Consultants                    | Special Government Employee (SGE) Member |
| Peterson, Amy        | 10/01/2017 09/30/2018 Worcester Polytechnic Institute          | Special Government Employee (SGE) Member |
| Peterson, Cammy      | 10/01/2017 09/30/2018 Brigham Young University                 | Special Government Employee (SGE) Member |
| Pham, Hoang          | 10/01/2017 09/30/2018 Rutgers University School of Engineering | Special Government Employee (SGE) Member |
| Pierce, David        | 10/01/2017 09/30/2018 University of Connecticut                | Special Government Employee (SGE) Member |
| Pincheira, Jose      | 10/01/2017 09/30/2018 University Of Wisconsin-madison          | Special Government Employee (SGE) Member |
| Pine, John           | 10/01/2017 09/30/2018 Appalachian State University             | Special Government Employee (SGE) Member |
| Pollino, Michael     | 10/01/2017 09/30/2018 Case Western Reserve University          | Special Government Employee (SGE) Member |
| Poole, Gregory       | 10/01/2017 09/30/2018 University of South Alabama              | Special Government Employee (SGE) Member |
| Popa, Bogdan         | 10/01/2017 09/30/2018 UNIVERSITY OF MICHIGAN                   | Special Government Employee (SGE) Member |
| Popa, Dan            | 10/01/2017 09/30/2018 University of Louisville                 | Special Government Employee (SGE) Member |
| Popovics, John       | 10/01/2017 09/30/2018 University Of Illinois                   | Special Government Employee (SGE) Member |
| Porfiri, Maurizio    | 10/01/2017 09/30/2018 New York University                      | Special Government Employee (SGE) Member |
| Pour-Ghaz, Mohammad  | 10/01/2017 09/30/2018 North Carolina State U                   | Special Government Employee (SGE) Member |
| Powell, Heather      | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Pozzi, Matteo        | 10/01/2017 09/30/2018 Carnegie-Mellon Institute of Technology  | Special Government Employee (SGE) Member |
| Prabhakar, Pavana    | 10/01/2017 09/30/2018 University of Wisconsin-Madison          | Special Government Employee (SGE) Member |
| Prorok, Barton       | 10/01/2017 09/30/2018 Auburn University                        | Special Government Employee (SGE) Member |
| Pruitt, Beth         | 10/01/2017 09/30/2018 University of California, Santa Barbara  | Special Government Employee (SGE) Member |
| Pryor, Mitchell      | 10/01/2017 09/30/2018 University of Texas at Austin            | Special Government Employee (SGE) Member |
| Qattawi, Ala         | 10/01/2017 09/30/2018 University of California, Merced         | Special Government Employee (SGE) Member |
| Qi, Jerry            | 10/01/2017 09/30/2018 Georgia Tech Research Corporation        | Special Government Employee (SGE) Member |
| Qi, Yue              | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Qian, Xiaoping       | 10/01/2017 09/30/2018 University of Wisconsin-Madison          | Special Government Employee (SGE) Member |
| Qian, Zhen           | 10/01/2017 09/30/2018 Carnegie-Mellon University               | Special Government Employee (SGE) Member |
| Qiao, Jie            | 10/01/2017 09/30/2018 Rochester Institute of Tech              | Special Government Employee (SGE) Member |
| Qiao, Yu             | 10/01/2017 09/30/2018 U of Cal San Diego                       | Special Government Employee (SGE) Member |
| Qin, Xiao            | 10/01/2017 09/30/2018 University Of Wisconsin-milwaukee        | Special Government Employee (SGE) Member |
| Qiu, Tong            | 10/01/2017 09/30/2018 Pennsylvania State Univ University Park  | Special Government Employee (SGE) Member |

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| Qu, Bing                   | 10/01/2017 09/30/2018 California Polytechnic State University  | Special Government Employee (SGE) Member |
| Quintero-Aguilo, Pedro     | 10/01/2017 09/30/2018 University of Puerto Rico Mayaguez       | Special Government Employee (SGE) Member |
| Quirino, Rafael            | 10/01/2017 09/30/2018 Georgia Southern University              | Special Government Employee (SGE) Member |
| Radicchi, Filippo          | 10/01/2017 09/30/2018 Indiana University                       | Special Government Employee (SGE) Member |
| Raeymaekers, Bart          | 10/01/2017 09/30/2018 University of Utah                       | Special Government Employee (SGE) Member |
| Ragai, Ihab                | 10/01/2017 09/30/2018 Penn State U Erie-Behrend                | Special Government Employee (SGE) Member |
| Rahbar, Nima               | 10/01/2017 09/30/2018 Worcester Polytech Inst                  | Special Government Employee (SGE) Member |
| Rahman, Sharif             | 10/01/2017 09/30/2018 University Of Iowa                       | Special Government Employee (SGE) Member |
| Rahman, Sharif             | 10/01/2017 09/30/2018 University of Iowa                       | Special Government Employee (SGE) Member |
| Rahn, Christopher          | 10/01/2017 09/30/2018 PA St U University Park                  | Special Government Employee (SGE) Member |
| Rai, Rahul                 | 10/01/2017 09/30/2018 University at Buffalo                    | Special Government Employee (SGE) Member |
| Rajabipour, Farshad        | 10/01/2017 09/30/2018 PA St U University Park                  | Special Government Employee (SGE) Member |
| Rajurkar, Kamlakar         | 10/01/2017 09/30/2018 University of Nebraska-Lincoln           | Special Government Employee (SGE) Member |
| Rakha, Hesham              | 10/01/2017 09/30/2018 Virginia Polytechnic Institute and State | Special Government Employee (SGE) Member |
| Raman, Arvind              | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Ramani, Karthik            | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Ramesh, Kalias             | 10/01/2017 09/30/2018 Johns Hopkins University                 | Special Government Employee (SGE) Member |
| Ranade, Ravi               | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government Employee (SGE) Member |
| Rangaraju, Prasad          | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Raptis, Ioannis            | 10/01/2017 09/30/2018 University of Massachusetts Lowell       | Special Government Employee (SGE) Member |
| Rastogi, Alok              | 10/01/2017 09/30/2018 Binghamton University                    | Special Government Employee (SGE) Member |
| Ratliff, Lillian           | 10/01/2017 09/30/2018 University of Washington                 | Special Government Employee (SGE) Member |
| Ravi-Chandar, Krishnaswamy | 10/01/2017 09/30/2018 University of Texas at Austin            | Special Government Employee (SGE) Member |
| Ravichandran, Nadarajah    | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Ray, Laura                 | 10/01/2017 09/30/2018 Dartmouth College                        | Special Government Employee (SGE) Member |
| Razaviyayn, Meisam         | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Reddy, Agami               | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Reed, Dorothy              | 10/01/2017 09/30/2018 University of Washington                 | Special Government Employee (SGE) Member |
| Regli, William             | 10/01/2017 09/30/2018 University Of Maryland College Park      | Special Government Employee (SGE) Member |

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| Reich, Daniel             | 10/01/2017 09/30/2018 Johns Hopkins University                       | Special Government Employee (SGE) Member |
| Reid, Tahira              | 10/01/2017 09/30/2018 Purdue University                              | Special Government Employee (SGE) Member |
| Reilly, Allison           | 10/01/2017 09/30/2018 University of Maryland College Park            | Special Government Employee (SGE) Member |
| Reimanis, Ivar            | 10/01/2017 09/30/2018 Colorado School of Mines                       | Special Government Employee (SGE) Member |
| Reinhart-King, Cynthia    | 10/01/2017 09/30/2018 Vanderbilt University                          | Special Government Employee (SGE) Member |
| Ren, Beibei               | 10/01/2017 09/30/2018 Texas Tech University                          | Special Government Employee (SGE) Member |
| Ren, Juan                 | 10/01/2017 09/30/2018 Iowa State University                          | Special Government Employee (SGE) Member |
| Render, Todd              | 10/01/2017 09/30/2018 Depuy  | Special Government Employee (SGE) Member |
| Rentschler, Mark          | 10/01/2017 09/30/2018 University of Colorado at Boulder              | Special Government Employee (SGE) Member |
| Rhoades, Alicyn           | 10/01/2017 09/30/2018 Pennsylvania State University at Erie-Be       | Special Government Employee (SGE) Member |
| Rhoads, Jeffrey           | 10/01/2017 09/30/2018 Purdue University                              | Special Government Employee (SGE) Member |
| Rhode-Barbarigos, landolf | 10/01/2017 09/30/2018 University of Miami                            | Special Government Employee (SGE) Member |
| Ricker, Richard           | 10/01/2017 09/30/2018 National Institute of Standards and Technology | Regular Government Employee (RGE) Member |
| Rickli, Jeremy            | 10/01/2017 09/30/2018 Wayne State University                         | Special Government Employee (SGE) Member |
| Riding, Kyle              | 10/01/2017 09/30/2018 University of Florida                          | Special Government Employee (SGE) Member |
| Riecke, Hermann           | 10/01/2017 09/30/2018 Northwestern University                        | Special Government Employee (SGE) Member |
| Rimoli, Julian            | 10/01/2017 09/30/2018 Georgia Tech Research Corporation              | Special Government Employee (SGE) Member |
| Rizvi, Reza               | 10/01/2017 09/30/2018 University of Toledo                           | Special Government Employee (SGE) Member |
| Rizzo, Piervincenzo       | 10/01/2017 09/30/2018 University of Pittsburgh                       | Special Government Employee (SGE) Member |
| Robling, Alexander        | 10/01/2017 09/30/2018 Indiana Univ Purdue Univ Indianapolis          | Special Government Employee (SGE) Member |
| Rodero, Ivan              | 10/01/2017 09/30/2018 Rutgers University                             | Special Government Employee (SGE) Member |
| Rodin, Gregory            | 10/01/2017 09/30/2018 University of Texas at Austin                  | Special Government Employee (SGE) Member |
| Rojas-Cordova, Alba       | 10/01/2017 09/30/2018 Southern Methodist University                  | Special Government Employee (SGE) Member |
| Rollins, Kyle             | 10/01/2017 09/30/2018 Brigham Young University                       | Special Government Employee (SGE) Member |
| Romeijn, H. Edwin         | 10/01/2017 09/30/2018 Georgia Institute of Technology                | Special Government Employee (SGE) Member |
| Roper, Donald Keith       | 10/01/2017 09/30/2018 University of Arkansas                         | Special Government Employee (SGE) Member |
| Ross, Jennifer            | 10/01/2017 09/30/2018 U of Massachusetts Amherst                     | Special Government Employee (SGE) Member |
| Ross, Sheldon             | 10/01/2017 09/30/2018 U of Southern California                       | Special Government Employee (SGE) Member |
| Roth, Mary                | 10/01/2017 09/30/2018 Lafayette College                              | Special Government Employee (SGE) Member |

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| Rothmund, Paul       | 10/01/2017 09/30/2018 California Institute of Technology       | Special Government Employee (SGE) Member |
| Rowenhorst, David    | 10/01/2017 09/30/2018 The US Naval Research Laboratory         | Regular Government Employee (RGE) Member |
| Ruchhoeft, Paul      | 10/01/2017 09/30/2018 University of Houston                    | Special Government Employee (SGE) Member |
| Ryan, Emily          | 10/01/2017 09/30/2018 Boston University                        | Special Government Employee (SGE) Member |
| Ryckman, Judson      | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Ryu, Donghyeon       | 10/01/2017 09/30/2018 New Mexico Institute of Mining and Techn | Special Government Employee (SGE) Member |
| Ryu, III             | 10/01/2017 09/30/2018 University of Texas at Dallas            | Special Government Employee (SGE) Member |
| Ryzhov, Ilya         | 10/01/2017 09/30/2018 U of MD College Park                     | Special Government Employee (SGE) Member |
| Sabra, Karim         | 10/01/2017 09/30/2018 Georgia Tech Research Corporation        | Special Government Employee (SGE) Member |
| Safadi, Fayez        | 10/01/2017 09/30/2018 Northeast Ohio Medical University        | Special Government Employee (SGE) Member |
| Saha, Mrinal         | 10/01/2017 09/30/2018 UNIVERSITY OF OKLAHOMA                   | Special Government Employee (SGE) Member |
| Saif, Tahir          | 10/01/2017 09/30/2018 University Illinois Urbana Champaign     | Special Government Employee (SGE) Member |
| Saif, Tahir          | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champai | Special Government Employee (SGE) Member |
| Salac, David         | 10/01/2017 09/30/2018 University at Buffalo SUNY               | Special Government Employee (SGE) Member |
| Salapaka, Srinivasa  | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government Employee (SGE) Member |
| Salowitz, Nathan     | 10/01/2017 09/30/2018 UNIVERSITY OF WISCONSIN MILWAUKEE        | Special Government Employee (SGE) Member |
| Samaniuk, Joseph     | 10/01/2017 09/30/2018 Colorado School of Mines                 | Special Government Employee (SGE) Member |
| Samaras, Constantine | 10/01/2017 09/30/2018 Carnegie-Mellon University               | Special Government Employee (SGE) Member |
| Sanayei, Masoud      | 10/01/2017 09/30/2018 Tufts University                         | Special Government Employee (SGE) Member |
| Sanchez, Florence    | 10/01/2017 09/30/2018 Vanderbilt University                    | Special Government Employee (SGE) Member |
| Sander, Edward       | 10/01/2017 09/30/2018 University of Iowa                       | Special Government Employee (SGE) Member |
| Sanders, Paul        | 10/01/2017 09/30/2018 Michigan Technological University        | Special Government Employee (SGE) Member |
| Sapat, Alka          | 10/01/2017 09/30/2018 Florida Atlantic University              | Special Government Employee (SGE) Member |
| Sasani, Mehrdad      | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Sattar, Siamak       | 10/01/2017 09/30/2018 National Institute Of Standards And Tech | Regular Government Employee (RGE) Member |
| Sauppe, Allison      | 10/01/2017 09/30/2018 University of Wisconsin                  | Special Government Employee (SGE) Member |
| Savla, Ketan         | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Sayama, Hiroki       | 10/01/2017 09/30/2018 Binghamton University                    | Special Government Employee (SGE) Member |
| Sayir, Ali           | 10/01/2017 09/30/2018 AFOSR and NASA GRC                       | Regular Government Employee (RGE) Member |

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| Scarcelli, Giuliano  | 10/01/2017 09/30/2018 University of Maryland                   | Special Government Employee (SGE) Member |
| Schaefer, Andrew     | 10/01/2017 09/30/2018 Rice University                          | Special Government Employee (SGE) Member |
| Schiffres, Scott     | 10/01/2017 09/30/2018 Binghamton University                    | Special Government Employee (SGE) Member |
| Schmitz, Tony        | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government Employee (SGE) Member |
| Schoener, Gregor     | 10/01/2017 09/30/2018 Ruhr-UniversitÄt Bochum                  | Special Government Employee (SGE) Member |
| Schoenung, Julie     | 10/01/2017 09/30/2018 University of California-Irvine          | Special Government Employee (SGE) Member |
| Schonfeld, Paul      | 10/01/2017 09/30/2018 U of MD College Park                     | Special Government Employee (SGE) Member |
| Schulman, Rebecca    | 10/01/2017 09/30/2018 Johns Hopkins University                 | Special Government Employee (SGE) Member |
| Schwartz, Christian  | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Sealy, Michael       | 10/01/2017 09/30/2018 University of Nebraska-Lincoln           | Special Government Employee (SGE) Member |
| Secomandi, Nicola    | 10/01/2017 09/30/2018 Carnegie-Mellon University               | Special Government Employee (SGE) Member |
| Seepersad, Carolyn   | 10/01/2017 09/30/2018 University of Texas at Austin            | Special Government Employee (SGE) Member |
| Seidler, Rachael     | 10/01/2017 09/30/2018 University Of Florida                    | Special Government Employee (SGE) Member |
| Selinger, Robin      | 10/01/2017 09/30/2018 KENT STATE UNIVERSITY                    | Special Government Employee (SGE) Member |
| Sen, Suvrajeet       | 10/01/2017 09/30/2018 U of Southern California                 | Special Government Employee (SGE) Member |
| Sencer, Burak        | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Senocak, Inanc       | 10/01/2017 09/30/2018 University of Pittsburgh                 | Special Government Employee (SGE) Member |
| Sepehrband, Panthea  | 10/01/2017 09/30/2018 Santa Clara University                   | Special Government Employee (SGE) Member |
| Seppala, Jonathan    | 10/01/2017 09/30/2018 NATIONAL INSTITUTE OF STANDARDS AND TECH | Regular Government Employee (RGE) Member |
| Sezen, Halil         | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Shackelford, Charles | 10/01/2017 09/30/2018 Colorado State University                | Special Government Employee (SGE) Member |
| Shafei, Behrouz      | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Shaheen, Sean        | 10/01/2017 09/30/2018 University of Colorado Boulder           | Special Government Employee (SGE) Member |
| Shahrjerdi, Davood   | 10/01/2017 09/30/2018 NEW YORK UNIVERSITY                      | Special Government Employee (SGE) Member |
| Shan, Jerry          | 10/01/2017 09/30/2018 Rutgers University New Brunswick         | Special Government Employee (SGE) Member |
| Shan, Xiaonan        | 10/01/2017 09/30/2018 University of Houston                    | Special Government Employee (SGE) Member |
| Shanov, Vesselin     | 10/01/2017 09/30/2018 U of Cincinnati                          | Special Government Employee (SGE) Member |
| Shapiro, Vadim       | 10/01/2017 09/30/2018 University of Wisconsin-Madison          | Special Government Employee (SGE) Member |
| Sharma, Anupam       | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |

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| Sharma, Mala             | 10/01/2017 09/30/2018 Bucknell University                        | Special Government Employee (SGE) Member |
| Sharma, Pradeep          | 10/01/2017 09/30/2018 University of Houston                      | Special Government Employee (SGE) Member |
| Sharma, Radhey           | 10/01/2017 09/30/2018 West Virginia University                   | Special Government Employee (SGE) Member |
| Shaw, Leon               | 10/01/2017 09/30/2018 Illinois Institute of Technology           | Special Government Employee (SGE) Member |
| Shedlock, Kaye           | 10/01/2017 09/30/2018 Consultant                                 | Special Government Employee (SGE) Member |
| Shefelbine, Sandra       | 10/01/2017 09/30/2018 Northeastern University                    | Special Government Employee (SGE) Member |
| Shen, Jay                | 10/01/2017 09/30/2018 Iowa State University                      | Special Government Employee (SGE) Member |
| Shepherd, Robert         | 10/01/2017 09/30/2018 Cornell University                         | Special Government Employee (SGE) Member |
| Shih, Wei-Chuan          | 10/01/2017 09/30/2018 U of Houston                               | Special Government Employee (SGE) Member |
| Shim, Bonggu             | 10/01/2017 09/30/2018 SUNY at Binghamton                         | Special Government Employee (SGE) Member |
| Shontz, Suzanne          | 10/01/2017 09/30/2018 University of Kansas                       | Special Government Employee (SGE) Member |
| Shull, Kenneth           | 10/01/2017 09/30/2018 Northwestern University                    | Special Government Employee (SGE) Member |
| Shulman, Holly           | 10/01/2017 09/30/2018 Alfred University                          | Special Government Employee (SGE) Member |
| Siddiqui, Sauleh         | 10/01/2017 09/30/2018 Johns Hopkins University                   | Special Government Employee (SGE) Member |
| Siegmund, Thomas         | 10/01/2017 09/30/2018 Purdue University                          | Special Government Employee (SGE) Member |
| Simaan, Nabil            | 10/01/2017 09/30/2018 Vanderbilt University                      | Special Government Employee (SGE) Member |
| Simon, Scott             | 10/01/2017 09/30/2018 U of Cal Davis                             | Special Government Employee (SGE) Member |
| Simpson, Timothy         | 10/01/2017 09/30/2018 Penn State University                      | Special Government Employee (SGE) Member |
| Singh, Ashish            | 10/01/2017 09/30/2018 Welspun Tubular LLC                        | Special Government Employee (SGE) Member |
| Singh, Raman             | 10/01/2017 09/30/2018 Oklahoma State University                  | Special Government Employee (SGE) Member |
| Singham, Devaushi        | 10/01/2017 09/30/2018 Naval Postgraduate School                  | Regular Government Employee (RGE) Member |
| Sinha, Sanjiv            | 10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign | Special Government Employee (SGE) Member |
| Sir, Mustafa             | 10/01/2017 09/30/2018 Mayo Medical School                        | Special Government Employee (SGE) Member |
| Sivaselvan, Mettupalayam | 10/01/2017 09/30/2018 University at Buffalo                      | Special Government Employee (SGE) Member |
| Skinner, Jack            | 10/01/2017 09/30/2018 Montana Tech                               | Special Government Employee (SGE) Member |
| Smilowitz, Karen         | 10/01/2017 09/30/2018 Northwestern University                    | Special Government Employee (SGE) Member |
| Smith, Brian             | 10/01/2017 09/30/2018 University of Virginia                     | Special Government Employee (SGE) Member |
| Smith, J. Cole           | 10/01/2017 09/30/2018 Clemson University                         | Special Government Employee (SGE) Member |
| Smith, K. Scott          | 10/01/2017 09/30/2018 University of North Carolina Charlotte     | Special Government Employee (SGE) Member |

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| Smith, Michael             | 10/01/2017 09/30/2018 Boston University                        | Special Government Employee (SGE) Member |
| Smith, Stuart              | 10/01/2017 09/30/2018 UNC Charlotte                            | Special Government Employee (SGE) Member |
| Smyth, Andrew              | 10/01/2017 09/30/2018 Columbia University                      | Special Government Employee (SGE) Member |
| Sneed, Lesley              | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government Employee (SGE) Member |
| Snyder, Lawrence           | 10/01/2017 09/30/2018 Lehigh University                        | Special Government Employee (SGE) Member |
| Sobkowicz-Kline, Margaret  | 10/01/2017 09/30/2018 University of Massachusetts Lowell       | Special Government Employee (SGE) Member |
| Sobolev, Konstantin        | 10/01/2017 09/30/2018 UNIVERSITY OF WISCONSIN MILWAUKEE        | Special Government Employee (SGE) Member |
| Soga, Kenichi              | 10/01/2017 09/30/2018 U of Cal Berkeley                        | Special Government Employee (SGE) Member |
| Sojoudi, Somayeh           | 10/01/2017 09/30/2018 UNIVERSITY OF CALIFORNIA BERKELEY        | Special Government Employee (SGE) Member |
| Son, Young-Jun             | 10/01/2017 09/30/2018 U of Arizona                             | Special Government Employee (SGE) Member |
| Song, Jeong-Hoon           | 10/01/2017 09/30/2018 University of Colorado Boulder           | Special Government Employee (SGE) Member |
| Song, Kenan                | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Song, Xingyong             | 10/01/2017 09/30/2018 TEXAS A & M U-COL OF ENG                 | Special Government Employee (SGE) Member |
| Song, Xuan                 | 10/01/2017 09/30/2018 University of Iowa                       | Special Government Employee (SGE) Member |
| Sorensen, Carl             | 10/01/2017 09/30/2018 Brigham Young University                 | Special Government Employee (SGE) Member |
| Sottos, Nancy              | 10/01/2017 09/30/2018 University of Illinois                   | Special Government Employee (SGE) Member |
| Sparks, Taylor             | 10/01/2017 09/30/2018 University of Utah                       | Special Government Employee (SGE) Member |
| Speicher, Matthew          | 10/01/2017 09/30/2018 NATIONAL INSTITUTE OF STANDARDS AND TECH | Regular Government Employee (RGE) Member |
| Spence, Seymour            | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Sridhar, Narasi            | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Srinivasan, Divya          | 10/01/2017 09/30/2018 VIRGINIA TECH SERVICES, INC.             | Special Government Employee (SGE) Member |
| Sritharan, Sivalingam      | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Srivastava, Ankit          | 10/01/2017 09/30/2018 Texas A&M Main Campus                    | Special Government Employee (SGE) Member |
| Stadler, Beth              | 10/01/2017 09/30/2018 University of Minnesota                  | Special Government Employee (SGE) Member |
| Stapleton, Scott           | 10/01/2017 09/30/2018 University of Massachusetts Lowell       | Special Government Employee (SGE) Member |
| Starly, Binil              | 10/01/2017 09/30/2018 North Carolina State University          | Special Government Employee (SGE) Member |
| Starr, Thomas              | 10/01/2017 09/30/2018 University of Louisville                 | Special Government Employee (SGE) Member |
| Starzewski, Martin         | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government Employee (SGE) Member |
| Stathopoulos, Amanda Irini | 10/01/2017 09/30/2018 Northwestern University                  | Special Government Employee (SGE) Member |

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| Stefik, Morgan          | 10/01/2017 09/30/2018 University South Carolina                | Special Government Employee (SGE) Member |
| Steinberg, Laura        | 10/01/2017 09/30/2018 Syracuse University                      | Special Government Employee (SGE) Member |
| Stephanus, Blaise       | 10/01/2017 09/30/2018 Dartmouth College                        | Special Government Employee (SGE) Member |
| Stephens, Brent         | 10/01/2017 09/30/2018 Illinois Institute of Technology         | Special Government Employee (SGE) Member |
| Steward, Robert         | 10/01/2017 09/30/2018 University of Central Florida            | Special Government Employee (SGE) Member |
| Stewart, Jonathan       | 10/01/2017 09/30/2018 U of Cal Los Angeles                     | Special Government Employee (SGE) Member |
| Stewart, Lauren         | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Stiff-Roberts, Adrienne | 10/01/2017 09/30/2018 Duke University                          | Special Government Employee (SGE) Member |
| Stirling, Leia          | 10/01/2017 09/30/2018 MIT                                      | Special Government Employee (SGE) Member |
| Stone, Robert           | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Stone, Tonya            | 10/01/2017 09/30/2018 Mississippi State University             | Special Government Employee (SGE) Member |
| Strait, Megan           | 10/01/2017 09/30/2018 The University of Texas Rio Grande Valle | Special Government Employee (SGE) Member |
| Streator, Jeffrey       | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Stuedlein, Armin        | 10/01/2017 09/30/2018 Oregon State University                  | Special Government Employee (SGE) Member |
| Su, Hai-Jun             | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Suarez, Luis            | 10/01/2017 09/30/2018 University of Puerto Rico Mayaguez       | Special Government Employee (SGE) Member |
| Subbaraman, Harish      | 10/01/2017 09/30/2018 Boise State University                   | Special Government Employee (SGE) Member |
| Subhash, Ghatu          | 10/01/2017 09/30/2018 University of Florida                    | Special Government Employee (SGE) Member |
| Suen, Sze-Chuan         | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Sullivan, Kelly         | 10/01/2017 09/30/2018 University of Arkansas                   | Special Government Employee (SGE) Member |
| Sultan, Cornel          | 10/01/2017 09/30/2018 Virginia Tech                            | Special Government Employee (SGE) Member |
| Summers, Joshua         | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Sun, Dengfeng           | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Sun, Jing               | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Sun, Jingbo             | 10/01/2017 09/30/2018 SUNY at Buffalo                          | Special Government Employee (SGE) Member |
| Sun, Wei                | 10/01/2017 09/30/2018 Drexel University                        | Special Government Employee (SGE) Member |
| Sun, Ying               | 10/01/2017 09/30/2018 Drexel University                        | Special Government Employee (SGE) Member |
| Sung, Cynthia           | 10/01/2017 09/30/2018 University of Pennsylvania               | Special Government Employee (SGE) Member |
| Suresh, Krishnan        | 10/01/2017 09/30/2018 University of Wisconsin-Madison          | Special Government Employee (SGE) Member |

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|------------------------|------------|------------|--|--|
| Suryanarayana, Phanish | 10/01/2017 | 09/30/2018 | Georgia Tech Research Corporation        | Special Government Employee (SGE) Member |
| Sutton, Jeannette      | 10/01/2017 | 09/30/2018 | University of Kentucky                   | Special Government Employee (SGE) Member |
| Swann, Julie           | 10/01/2017 | 09/30/2018 | North Carolina State University          | Special Government Employee (SGE) Member |
| Swartz, R              | 10/01/2017 | 09/30/2018 | Michigan Technological University        | Special Government Employee (SGE) Member |
| Symans, Michael        | 10/01/2017 | 09/30/2018 | Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Synolakis, Costas      | 10/01/2017 | 09/30/2018 | University of Southern California        | Special Government Employee (SGE) Member |
| Szajnfarder, Zoe       | 10/01/2017 | 09/30/2018 | George Washington University             | Special Government Employee (SGE) Member |
| Tai, Li-Jung           | 10/01/2017 | 09/30/2018 | Texas AM University                      | Special Government Employee (SGE) Member |
| Tajvidi, Mehdi         | 10/01/2017 | 09/30/2018 | University of Maine                      | Special Government Employee (SGE) Member |
| Taleff, Eric           | 10/01/2017 | 09/30/2018 | University of Texas at Austin            | Special Government Employee (SGE) Member |
| Talley, Jessye         | 10/01/2017 | 09/30/2018 | Morgan State University                  | Special Government Employee (SGE) Member |
| Tan, George            | 10/01/2017 | 09/30/2018 | Texas Tech University                    | Special Government Employee (SGE) Member |
| Tan, Wenda             | 10/01/2017 | 09/30/2018 | University of Utah                       | Special Government Employee (SGE) Member |
| Tan, Xiaobo            | 10/01/2017 | 09/30/2018 | Michigan State University                | Special Government Employee (SGE) Member |
| Tang, Herman           | 10/01/2017 | 09/30/2018 | Eastern Michigan University              | Special Government Employee (SGE) Member |
| Tang, Xin              | 10/01/2017 | 09/30/2018 | University of Florida                    | Special Government Employee (SGE) Member |
| Tanyu, Burak           | 10/01/2017 | 09/30/2018 | George Mason University                  | Special Government Employee (SGE) Member |
| Tao, Andrea            | 10/01/2017 | 09/30/2018 | U of Cal San Diego                       | Special Government Employee (SGE) Member |
| Tasoglu, Savas         | 10/01/2017 | 09/30/2018 | University of Connecticut                | Special Government Employee (SGE) Member |
| Tatar, Jovan           | 10/01/2017 | 09/30/2018 | University of Louisiana at Lafayette     | Special Government Employee (SGE) Member |
| Tate, Eric             | 10/01/2017 | 09/30/2018 | University of Iowa                       | Special Government Employee (SGE) Member |
| Taylor, Jordan         | 10/01/2017 | 09/30/2018 | Princeton University                     | Special Government Employee (SGE) Member |
| Tehrani, Mehran        | 10/01/2017 | 09/30/2018 | University of New Mexico                 | Special Government Employee (SGE) Member |
| Tekes, Ayse            | 10/01/2017 | 09/30/2018 | Kennesaw State University                | Special Government Employee (SGE) Member |
| Telenko, Cassandra     | 10/01/2017 | 09/30/2018 | Georgia Tech Research Corporation - GA T | Special Government Employee (SGE) Member |
| Terrell, Elon          | 10/01/2017 | 09/30/2018 | Columbia University                      | Special Government Employee (SGE) Member |
| Thiagarajan, Ganesh    | 10/01/2017 | 09/30/2018 | U of Missouri Kansas City                | Special Government Employee (SGE) Member |
| Thiruvathukal, George  | 10/01/2017 | 09/30/2018 | Loyola University Chicago                | Special Government Employee (SGE) Member |
| Thomas, Barrett        | 10/01/2017 | 09/30/2018 | University of Iowa                       | Special Government Employee (SGE) Member |

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|------------------------|---|--|
| Thostenson, Erik       | 10/01/2017 09/30/2018 University of Delaware                                    | Special Government Employee (SGE) Member |
| Tien, Iris             | 10/01/2017 09/30/2018 Georgia Tech Research Corporation                         | Special Government Employee (SGE) Member |
| Tierney, Kathleen      | 10/01/2017 09/30/2018 U of Colorado Boulder                                     | Special Government Employee (SGE) Member |
| Tikare, Veena          | 10/01/2017 09/30/2018 Sandia National Laboratory                                | Special Government Employee (SGE) Member |
| Timmers, Matthew       | 10/01/2017 09/30/2018 John A. Martin & Associates                               | Special Government Employee (SGE) Member |
| Timpe, Shannon         | 10/01/2017 09/30/2018 bradely University  | Special Government Employee (SGE) Member |
| Tin, Sammy             | 10/01/2017 09/30/2018 Illinois Institute of Technology                          | Special Government Employee (SGE) Member |
| Tippur, Hareesh        | 10/01/2017 09/30/2018 Auburn University   | Special Government Employee (SGE) Member |
| Todd, Michael          | 10/01/2017 09/30/2018 U of Cal San Diego  | Special Government Employee (SGE) Member |
| Tomlin, Claire         | 10/01/2017 09/30/2018 U of Cal Berkeley   | Special Government Employee (SGE) Member |
| Tong, Wei              | 10/01/2017 09/30/2018 Southern Methodist University                             | Special Government Employee (SGE) Member |
| Tonks, Michael         | 10/01/2017 09/30/2018 University of Florida                                     | Special Government Employee (SGE) Member |
| Tovar, Andres          | 10/01/2017 09/30/2018 Indiana Univ-Purdue Univ Indianapolis                     | Special Government Employee (SGE) Member |
| Tracy, Joseph          | 10/01/2017 09/30/2018 North Carolina State University                           | Special Government Employee (SGE) Member |
| Trainor, Joseph        | 10/01/2017 09/30/2018 University of Delaware                                    | Special Government Employee (SGE) Member |
| Triantis, Konstantinos | 10/01/2017 09/30/2018 Virginia Polytechnic Institute State Un                   | Special Government Employee (SGE) Member |
| Trick, Michael         | 10/01/2017 09/30/2018 Carnegie Mellon University                                | Special Government Employee (SGE) Member |
| Tron, Roberto          | 10/01/2017 09/30/2018 Trustees of Boston University                             | Special Government Employee (SGE) Member |
| Tsukrov, Igor          | 10/01/2017 09/30/2018 U of New Hampshire  | Special Government Employee (SGE) Member |
| Tucker, Garritt        | 10/01/2017 09/30/2018 Colorado School of Mines                                  | Special Government Employee (SGE) Member |
| Turkan, Yelda          | 10/01/2017 09/30/2018 Oregon State University                                   | Special Government Employee (SGE) Member |
| Turner, Kevin          | 10/01/2017 09/30/2018 University of Pennsylvania                                | Special Government Employee (SGE) Member |
| Tysoe, Wilfred         | 10/01/2017 09/30/2018 University of Wisconsin-Milwaukee                         | Special Government Employee (SGE) Member |
| Ueda, Jun              | 10/01/2017 09/30/2018 Georgia Tech Research Corp                                | Special Government Employee (SGE) Member |
| Ukkusuri, Satish       | 10/01/2017 09/30/2018 Purdue University   | Special Government Employee (SGE) Member |
| Ulutun, Durul          | 10/01/2017 09/30/2018 CALIFORNIA STATE UNIVERSITY, NORTH RIDGE                  | Special Government Employee (SGE) Member |
| Underhill, Gregory     | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS                                    | Special Government Employee (SGE) Member |
| Unnikrishnan, Nishant  | 10/01/2017 09/30/2018 Yaskawa America   | Special Government Employee (SGE) Member |
| Unnikrishnan, Vinu     | 10/01/2017 09/30/2018 University of Alabama Aerospace Engineering and Mechanics | Special Government Employee (SGE) Member |

|                         |  |  |
|-------------------------|--|--|
| Urban, Marek            | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Uster, Halit            | 10/01/2017 09/30/2018 Southern Methodist University            | Special Government Employee (SGE) Member |
| Vadiraja, Sudhakar      | 10/01/2017 09/30/2018 Montana Tech of the University of Montan | Special Government Employee (SGE) Member |
| Vahedi Tafreshi, Hooman | 10/01/2017 09/30/2018 Virginia Commonwealth University         | Special Government Employee (SGE) Member |
| Vaidya, Umesh           | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Vakakis, Alexander      | 10/01/2017 09/30/2018 U of Ill Urbana-Champaign                | Special Government Employee (SGE) Member |
| Van Dessel, Steven      | 10/01/2017 09/30/2018 Worcester Polytechnic Institute          | Special Government Employee (SGE) Member |
| Van Hentenryck, Pascal  | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Varenberg, Michael      | 10/01/2017 09/30/2018 Georgia Institute of Technology          | Special Government Employee (SGE) Member |
| Vashishth, Deepak       | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Vasudevan, Ram          | 10/01/2017 09/30/2018 University of Michigan Ann Arbor         | Special Government Employee (SGE) Member |
| Vaziri, Ashkan          | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Vazquez-Mena, Oscar     | 10/01/2017 09/30/2018 Univ. of California - San Diego          | Special Government Employee (SGE) Member |
| Ventura, Jose           | 10/01/2017 09/30/2018 PA St U University Park                  | Special Government Employee (SGE) Member |
| Vermillion, Christopher | 10/01/2017 09/30/2018 University of North Carolina at Charlott | Special Government Employee (SGE) Member |
| Vershinin, Michael      | 10/01/2017 09/30/2018 University of Utah                       | Special Government Employee (SGE) Member |
| Vigmostad, Sarah        | 10/01/2017 09/30/2018 University of Iowa                       | Special Government Employee (SGE) Member |
| Villalobos, J. Rene     | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Villarreal, Dario       | 10/01/2017 09/30/2018 Southern Methodist University            | Special Government Employee (SGE) Member |
| Volk, Wolfram           | 10/01/2017 09/30/2018 Technical University Of Munich           | Special Government Employee (SGE) Member |
| Voulgaris, Petros       | 10/01/2017 09/30/2018 University of Illinois                   | Special Government Employee (SGE) Member |
| Vukelic, Sinisa         | 10/01/2017 09/30/2018 Columbia University                      | Special Government Employee (SGE) Member |
| Wadia-Fascetti, Sara    | 10/01/2017 09/30/2018 Northeastern University                  | Special Government Employee (SGE) Member |
| Wagenseil, Jessica      | 10/01/2017 09/30/2018 Washington University in St. Louis, Cent | Special Government Employee (SGE) Member |
| Wagoner-Johnson, Amy    | 10/01/2017 09/30/2018 UNIVERSITY OF ILLINOIS URBANA CHAMP      | Special Government Employee (SGE) Member |
| Wallace, William        | 10/01/2017 09/30/2018 Rensselaer Polytechnic Institute         | Special Government Employee (SGE) Member |
| Walsh, Erin             | 10/01/2017 09/30/2018 U.S. Department of Homeland Security-S&T | Regular Government Employee (RGE) Member |
| Wang, Chao              | 10/01/2017 09/30/2018 Arizona State University                 | Special Government Employee (SGE) Member |
| Wang, Chao              | 10/01/2017 09/30/2018 LOUISIANA STATE UNIVERSITY               | Special Government Employee (SGE) Member |

|                  |  |  |
|------------------|--|--|
| Wang, Cong       | 10/01/2017 09/30/2018 New Jersey Institute Of Technology       | Special Government Employee (SGE) Member |
| Wang, Junmin     | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Wang, Jyhwen     | 10/01/2017 09/30/2018 texas A&M Unviersity                     | Special Government Employee (SGE) Member |
| Wang, Kejin      | 10/01/2017 09/30/2018 Iowa State University                    | Special Government Employee (SGE) Member |
| Wang, Kon-Well   | 10/01/2017 09/30/2018 University of Michigan                   | Special Government Employee (SGE) Member |
| Wang, Liping     | 10/01/2017 09/30/2018 University of Wyoming                    | Special Government Employee (SGE) Member |
| Wang, Qian       | 10/01/2017 09/30/2018 PENNSYLVANIA STATE UNIVERSITY            | Special Government Employee (SGE) Member |
| Wang, Qiming     | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Wang, Risheng    | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government Employee (SGE) Member |
| Wang, Ruigang    | 10/01/2017 09/30/2018 The University of Alabama                | Special Government Employee (SGE) Member |
| Wang, Shengnian  | 10/01/2017 09/30/2018 Louisiana Tech University                | Special Government Employee (SGE) Member |
| Wang, Shiren     | 10/01/2017 09/30/2018 Texas A&M Main Campus                    | Special Government Employee (SGE) Member |
| Wang, Shuodao    | 10/01/2017 09/30/2018 Oklahoma State University                | Special Government Employee (SGE) Member |
| Wang, Weining    | 10/01/2017 09/30/2018 Virginia Commonwealth University         | Special Government Employee (SGE) Member |
| Wang, Xianqiao   | 10/01/2017 09/30/2018 University of Georgia                    | Special Government Employee (SGE) Member |
| Wang, Xianqin    | 10/01/2017 09/30/2018 New Jersey Institute of Technology       | Special Government Employee (SGE) Member |
| Wang, Xiaodu     | 10/01/2017 09/30/2018 University of Texas at San Antonio       | Special Government Employee (SGE) Member |
| Wang, Xiaoming   | 10/01/2017 09/30/2018 Purdue University                        | Special Government Employee (SGE) Member |
| Wang, Xingwei    | 10/01/2017 09/30/2018 University of Massachusetts Lowell       | Special Government Employee (SGE) Member |
| Wang, Yang       | 10/01/2017 09/30/2018 Georgia Tech Research Corp               | Special Government Employee (SGE) Member |
| Wang, Yi         | 10/01/2017 09/30/2018 University Of South Carolina At Columbia | Special Government Employee (SGE) Member |
| Wang, Yue        | 10/01/2017 09/30/2018 Clemson University                       | Special Government Employee (SGE) Member |
| Warren, Roseanne | 10/01/2017 09/30/2018 University of Utah                       | Special Government Employee (SGE) Member |
| Watkins, James   | 10/01/2017 09/30/2018 University of Massachusetts Amherst      | Special Government Employee (SGE) Member |
| Webb, Gary       | 10/01/2017 09/30/2018 University of North Texas                | Special Government Employee (SGE) Member |
| Wei, Bingqing    | 10/01/2017 09/30/2018 University of Delaware                   | Special Government Employee (SGE) Member |
| Wei, Qi-Huo      | 10/01/2017 09/30/2018 Kent State University                    | Special Government Employee (SGE) Member |
| Wen, John        | 10/01/2017 09/30/2018 Rensselaer Polytech Institute            | Special Government Employee (SGE) Member |
| Wenger, Dennis   | 10/01/2017 09/30/2018 Independent Consultant                   | Special Government Employee (SGE) Member |

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|---------------------|--|--|
| West, Jennifer      | 10/01/2017 09/30/2018 Duke University                          | Special Government Employee (SGE) Member |
| White, Claire       | 10/01/2017 09/30/2018 Princeton University                     | Special Government Employee (SGE) Member |
| Whiting, Gregory    | 10/01/2017 09/30/2018 UNIVERSITY OF COLORADO - BOULDER         | Special Government Employee (SGE) Member |
| Wiens, Gloria       | 10/01/2017 09/30/2018 University of Florida                    | Special Government Employee (SGE) Member |
| Wilcoski, James     | 10/01/2017 09/30/2018 Construction Engineering Research Labora | Regular Government Employee (RGE) Member |
| Wilkins, Bruce      | 10/01/2017 09/30/2018 NIST Manufacturing Extension Partnership | Regular Government Employee (RGE) Member |
| Wilkinson, Carol    | 10/01/2017 09/30/2018 Wilkinson Project Consulting             | Special Government Employee (SGE) Member |
| Wille, Kay          | 10/01/2017 09/30/2018 University of Connecticut                | Special Government Employee (SGE) Member |
| Wilson, Rick        | 10/01/2017 09/30/2018 Rice University                          | Special Government Employee (SGE) Member |
| Wittich, Christine  | 10/01/2017 09/30/2018 University Of Nebraska Lincoln           | Special Government Employee (SGE) Member |
| Wojnar, Charles     | 10/01/2017 09/30/2018 Missouri Institute of Science and Techno | Special Government Employee (SGE) Member |
| Wojtkiewicz, Steven | 10/01/2017 09/30/2018 Clarkson University                      | Special Government Employee (SGE) Member |
| Womble, J. Arn      | 10/01/2017 09/30/2018 West Texas A-M University                | Special Government Employee (SGE) Member |
| Wong, Jenna         | 10/01/2017 09/30/2018 San Francisco State University           | Special Government Employee (SGE) Member |
| Wong, Kevin         | 10/01/2017 09/30/2018 NATIONAL INSTITUTE OF STANDARDS AND TECH | Regular Government Employee (RGE) Member |
| Woolley, Adam       | 10/01/2017 09/30/2018 Brigham Young University                 | Special Government Employee (SGE) Member |
| Woolsey, Craig      | 10/01/2017 09/30/2018 Virginia Tech                            | Special Government Employee (SGE) Member |
| Work, Daniel        | 10/01/2017 09/30/2018 Vanderbilt University                    | Special Government Employee (SGE) Member |
| Wu, Dazhong         | 10/01/2017 09/30/2018 University of Central Florida            | Special Government Employee (SGE) Member |
| Wu, Qingliu         | 10/01/2017 09/30/2018 Western Michigan University              | Special Government Employee (SGE) Member |
| Wu, Wei             | 10/01/2017 09/30/2018 University of Southern California        | Special Government Employee (SGE) Member |
| Xi, Yunping         | 10/01/2017 09/30/2018 University of Colorado at Boulder        | Special Government Employee (SGE) Member |
| Xia, Zhenhai        | 10/01/2017 09/30/2018 University of North Texas                | Special Government Employee (SGE) Member |
| Xiang, Yisha        | 10/01/2017 09/30/2018 Lamar University Beaumont                | Special Government Employee (SGE) Member |
| Xiao, Jianliang     | 10/01/2017 09/30/2018 University of Colorado at Boulder        | Special Government Employee (SGE) Member |
| Xiao, Xinran        | 10/01/2017 09/30/2018 Michigan State University                | Special Government Employee (SGE) Member |
| Xiong, Wei          | 10/01/2017 09/30/2018 University of Pittsburgh                 | Special Government Employee (SGE) Member |
| Xiu, Dongbin        | 10/01/2017 09/30/2018 Ohio State University                    | Special Government Employee (SGE) Member |
| Xu, Mingzhi         | 10/01/2017 09/30/2018 Missouri University of Science and Techn | Special Government Employee (SGE) Member |

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|-------------------|---|---|
| Xu, Sheng         | 10/01/2017 09/30/2018 U of Cal San Diego                    | Special Government<br>Employee (SGE) Member |
| Xu, Sun           | 10/01/2017 09/30/2018 Georgia Institute Of Technology       | Special Government<br>Employee (SGE) Member |
| Xu, Yanzhi        | 10/01/2017 09/30/2018 Department Of Energy                  | Regular Government<br>Employee (RGE) Member |
| Xue, Jiangeng     | 10/01/2017 09/30/2018 University of Florida                 | Special Government<br>Employee (SGE) Member |
| Yakobson, Boris   | 10/01/2017 09/30/2018 William Marsh Rice University         | Special Government<br>Employee (SGE) Member |
| Yamada, Soichiro  | 10/01/2017 09/30/2018 University of California-Davis        | Special Government<br>Employee (SGE) Member |
| Yang, Fuqian      | 10/01/2017 09/30/2018 University of Kentucky                | Special Government<br>Employee (SGE) Member |
| Yang, Maria       | 10/01/2017 09/30/2018 Massachusetts Institute of Technology | Special Government<br>Employee (SGE) Member |
| Yang, Mijia       | 10/01/2017 09/30/2018 North Dakota State University Fargo   | Special Government<br>Employee (SGE) Member |
| Yang, Shu         | 10/01/2017 09/30/2018 University of Pennsylvania            | Special Government<br>Employee (SGE) Member |
| Yang, Vigor       | 10/01/2017 09/30/2018 Georgia Institute of Technology       | Special Government<br>Employee (SGE) Member |
| Yang, Yang        | 10/01/2017 09/30/2018 University of Central Florida         | Special Government<br>Employee (SGE) Member |
| Yang, Yingchao    | 10/01/2017 09/30/2018 University of Maine                   | Special Government<br>Employee (SGE) Member |
| Yao, Y. Lawrence  | 10/01/2017 09/30/2018 Columbia University                   | Special Government<br>Employee (SGE) Member |
| Yardley, James    | 10/01/2017 09/30/2018 Columbia University                   | Special Government<br>Employee (SGE) Member |
| Yavari, Arash     | 10/01/2017 09/30/2018 Georgia Institute of Technology       | Special Government<br>Employee (SGE) Member |
| Ye, Chang         | 10/01/2017 09/30/2018 University of Akron                   | Special Government<br>Employee (SGE) Member |
| Yegian, Mishac    | 10/01/2017 09/30/2018 Northeastern University               | Special Government<br>Employee (SGE) Member |
| Yi, Jingang       | 10/01/2017 09/30/2018 Rutgers University                    | Special Government<br>Employee (SGE) Member |
| Yin, Huiming      | 10/01/2017 09/30/2018 Columbia University                   | Special Government<br>Employee (SGE) Member |
| Yin, Jie          | 10/01/2017 09/30/2018 Temple University                     | Special Government<br>Employee (SGE) Member |
| Yin, Yafeng       | 10/01/2017 09/30/2018 UNIVERSITY OF MICHIGAN                | Special Government<br>Employee (SGE) Member |
| Yoon, Se Young    | 10/01/2017 09/30/2018 University of New Hampshire           | Special Government<br>Employee (SGE) Member |
| Yu, Qiuming       | 10/01/2017 09/30/2018 University of Washington              | Special Government<br>Employee (SGE) Member |
| Yu, Xiaoming      | 10/01/2017 09/30/2018 University of Central Florida         | Special Government<br>Employee (SGE) Member |
| Yu, Xiong         | 10/01/2017 09/30/2018 Case Western Reserve University       | Special Government<br>Employee (SGE) Member |
| Yu, Yuebin        | 10/01/2017 09/30/2018 University of Nebraska-Lincoln        | Special Government<br>Employee (SGE) Member |
| Yuan, Chengzhi    | 10/01/2017 09/30/2018 University of Rhode Island            | Special Government<br>Employee (SGE) Member |
| Zabaras, Nicholas | 10/01/2017 09/30/2018 University of Notre Dame              | Special Government<br>Employee (SGE) Member |

|                    |  |   |
|--------------------|--|---|
| Zavattieri, Pablo  | 10/01/2017 09/30/2018 Purdue University                      | Special Government<br>Employee (SGE) Member |
| Zefran, Milos      | 10/01/2017 09/30/2018 University of Illinois at Chicago      | Special Government<br>Employee (SGE) Member |
| Zeghal, Mourad     | 10/01/2017 09/30/2018 Rensselaer Polytech Inst               | Special Government<br>Employee (SGE) Member |
| Zehnder, Alan      | 10/01/2017 09/30/2018 Cornell University-Endowed             | Special Government<br>Employee (SGE) Member |
| Zekkos, Dimitrios  | 10/01/2017 09/30/2018 University of Michigan Ann Arbor       | Special Government<br>Employee (SGE) Member |
| Zepeda-Ruiz, Luis  | 10/01/2017 09/30/2018 Lawrence Livermore National Laboratory | Special Government<br>Employee (SGE) Member |
| Zhai, Lei          | 10/01/2017 09/30/2018 University of Central Florida          | Special Government<br>Employee (SGE) Member |
| Zhang, Baosen      | 10/01/2017 09/30/2018 University of Washington               | Special Government<br>Employee (SGE) Member |
| Zhang, Dianyun     | 10/01/2017 09/30/2018 University of Connecticut              | Special Government<br>Employee (SGE) Member |
| Zhang, Jian        | 10/01/2017 09/30/2018 U of Cal Los Angeles                   | Special Government<br>Employee (SGE) Member |
| Zhang, Jie         | 10/01/2017 09/30/2018 The University of Texas at Dallas      | Special Government<br>Employee (SGE) Member |
| Zhang, Jinwen      | 10/01/2017 09/30/2018 Washington State University            | Special Government<br>Employee (SGE) Member |
| Zhang, Jun         | 10/01/2017 09/30/2018 University of California-San Diego     | Special Government<br>Employee (SGE) Member |
| Zhang, Katherine   | 10/01/2017 09/30/2018 Boston University                      | Special Government<br>Employee (SGE) Member |
| Zhang, Kijie       | 10/01/2017 09/30/2018 George Washington University           | Special Government<br>Employee (SGE) Member |
| Zhang, Lianyang    | 10/01/2017 09/30/2018 University of Arizona                  | Special Government<br>Employee (SGE) Member |
| Zhang, Lijie Grace | 10/01/2017 09/30/2018 George Washington University           | Special Government<br>Employee (SGE) Member |
| Zhang, Sulin       | 10/01/2017 09/30/2018 PA St U University Park                | Special Government<br>Employee (SGE) Member |
| Zhang, Teng        | 10/01/2017 09/30/2018 Syracuse University                    | Special Government<br>Employee (SGE) Member |
| Zhang, Xian        | 10/01/2017 09/30/2018 SUNY AT BUFFALO                        | Special Government<br>Employee (SGE) Member |
| Zhang, Xin         | 10/01/2017 09/30/2018 Boston University                      | Special Government<br>Employee (SGE) Member |
| Zhang, Xinghang    | 10/01/2017 09/30/2018 Purdue University                      | Special Government<br>Employee (SGE) Member |
| Zhang, Yanliang    | 10/01/2017 09/30/2018 University of Notre Dame               | Special Government<br>Employee (SGE) Member |
| Zhang, Yongjie     | 10/01/2017 09/30/2018 Carnegie-Mellon University             | Special Government<br>Employee (SGE) Member |
| Zhao, Chenglong    | 10/01/2017 09/30/2018 University of Dayton                   | Special Government<br>Employee (SGE) Member |
| Zhao, Hui          | 10/01/2017 09/30/2018 University of Nevada Las Vegas         | Special Government<br>Employee (SGE) Member |
| Zhao, Huijuan      | 10/01/2017 09/30/2018 Clemson University                     | Special Government<br>Employee (SGE) Member |
| Zhao, Jingzhou     | 10/01/2017 09/30/2018 Western New England University         | Special Government<br>Employee (SGE) Member |
| Zhao, Xiaopeng     | 10/01/2017 09/30/2018 University of Tennessee                | Special Government<br>Employee (SGE) Member |

|                              |                       |  |   |
|------------------------------|-----------------------|--|---|
| Zhao, Xin                    | 10/01/2017 09/30/2018 | Clemson University                       | Special Government<br>Employee (SGE) Member |
| Zhao, Xuanhe                 | 10/01/2017 09/30/2018 | MIT                                      | Special Government<br>Employee (SGE) Member |
| Zhen, Bo                     | 10/01/2017 09/30/2018 | University Of Pennsylvania               | Special Government<br>Employee (SGE) Member |
| Zheng, Minghui               | 10/01/2017 09/30/2018 | university at buffalo                    | Special Government<br>Employee (SGE) Member |
| Zheng, Wei                   | 10/01/2017 09/30/2018 | University of Wisconsin-Stout            | Special Government<br>Employee (SGE) Member |
| Zheng, Xiaoyu                | 10/01/2017 09/30/2018 | Virginia Polytechnic Institute and State | Special Government<br>Employee (SGE) Member |
| Zhou, Chi                    | 10/01/2017 09/30/2018 | SUNY at Buffalo                          | Special Government<br>Employee (SGE) Member |
| Zhou, Hongyu                 | 10/01/2017 09/30/2018 | University of Alabama in Huntsville      | Special Government<br>Employee (SGE) Member |
| Zhou, Shiyu                  | 10/01/2017 09/30/2018 | University of Wisconsin-Madison          | Special Government<br>Employee (SGE) Member |
| Zhu, Hongli                  | 10/01/2017 09/30/2018 | Northeastern University                  | Special Government<br>Employee (SGE) Member |
| Zhu, Jiahua                  | 10/01/2017 09/30/2018 | University of Akron                      | Special Government<br>Employee (SGE) Member |
| Zhu, Weidong                 | 10/01/2017 09/30/2018 | University of Maryland Baltimore County  | Special Government<br>Employee (SGE) Member |
| Ziebarth, Noel               | 10/01/2017 09/30/2018 | University of Miami                      | Special Government<br>Employee (SGE) Member |
| Ziegert, John                | 10/01/2017 09/30/2018 | U of NC Charlotte                        | Special Government<br>Employee (SGE) Member |
| Zikry, Mohamed               | 10/01/2017 09/30/2018 | North Carolina State U                   | Special Government<br>Employee (SGE) Member |
| Ziotopoulou, Katerina        | 10/01/2017 09/30/2018 | UNIVERSITY OF CALIFORNIA DAVIS           | Special Government<br>Employee (SGE) Member |
| Zou, Qingze                  | 10/01/2017 09/30/2018 | Rutgers University                       | Special Government<br>Employee (SGE) Member |
| Zupan, Marc                  | 10/01/2017 09/30/2018 | UMBC                                     | Special Government<br>Employee (SGE) Member |
| de Boer, Maarten             | 10/01/2017 09/30/2018 | Carnegie Mellon University               | Special Government<br>Employee (SGE) Member |
| de Oliveira, Angela          | 10/01/2017 09/30/2018 | University of Massachusetts Amherst      | Special Government<br>Employee (SGE) Member |
| de la Garza, Jesus           | 10/01/2017 09/30/2018 | Virginia Tech                            | Special Government<br>Employee (SGE) Member |
| le Graverend, Jean-Briac     | 10/01/2017 09/30/2018 | Texas A&M University Main Campus         | Special Government<br>Employee (SGE) Member |
| li, zhaojun                  | 10/01/2017 09/30/2018 | Western New England University           | Special Government<br>Employee (SGE) Member |
| van de Lindt, John           | 10/01/2017 09/30/2018 | Colorado State University                | Special Government<br>Employee (SGE) Member |
| van der Meulen,<br>Marjolein | 10/01/2017 09/30/2018 | Cornell University                       | Special Government<br>Employee (SGE) Member |

**Number of Committee Members Listed: 1379**

## Narrative Description

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the Agency to

initiate and support: basic scientific research and research fundamental to the engineering process; and science and engineering education programs at all levels and in all fields of science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgments of the extent to which proposals address the merit review criteria are vital for informing NSF staff and influencing funding recommendations.

**What are the most significant program outcomes associated with this committee?**

Checked if Applies

|   |                                     |
|---|-------------------------------------|
| Improvements to health or safety                  | <input type="checkbox"/>            |
| Trust in government                               | <input type="checkbox"/>            |
| Major policy changes                              | <input type="checkbox"/>            |
| Advance in scientific research                    | <input checked="" type="checkbox"/> |
| Effective grant making                            | <input checked="" type="checkbox"/> |
| Improved service delivery                         | <input type="checkbox"/>            |
| Increased customer satisfaction                   | <input type="checkbox"/>            |
| Implementation of laws or regulatory requirements | <input type="checkbox"/>            |
| Other   | <input type="checkbox"/>            |

**Outcome Comments**

NA

**What are the cost savings associated with this committee?**

Checked if Applies

|                            |                                     |
|----------------------------|-------------------------------------|
| None                       | <input type="checkbox"/>            |
| Unable to Determine        | <input checked="" type="checkbox"/> |
| Under \$100,000            | <input type="checkbox"/>            |
| \$100,000 - \$500,000      | <input type="checkbox"/>            |
| \$500,001 - \$1,000,000    | <input type="checkbox"/>            |
| \$1,000,001 - \$5,000,000  | <input type="checkbox"/>            |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/>            |
| Over \$10,000,000          | <input type="checkbox"/>            |
| Cost Savings Other         | <input type="checkbox"/>            |

**Cost Savings Comments**

The use of panelists to review proposals for the Agency is an invaluable asset. The cost of obtaining the expertise, insight, and information received by the Division using alternative methods, such as hiring the expertise as full or part-time employees, would be extremely high.

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

3,631

**Number of Recommendations Comments**

This for Fiscal Year 2018

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

100%

**% of Recommendations Fully Implemented Comments**

The word "implement" is not applicable to grant review panels. All recommendations are "considered" by the agency.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

Not applicable. Please see answer directly above.

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☒ No ☐ Not Applicable ☐

**Agency Feedback Comments**

Although panelists may not receive direct feedback, each committee member may use the NSF FastLane, a public web-based program, which provides information on awards made by the agency to determine the outcome of proposals reviewed by the panel

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities

☐

Reallocated resources

☐

Issued new regulation

☐

Proposed legislation

☐

Approved grants or other payments



Other



### Action Comments

NA

### Is the Committee engaged in the review of applications for grants?

Yes

What is the estimated Number of grants reviewed for approval 3,631

What is the estimated Number of grants recommended for approval 457

What is the estimated Dollar Value of grants recommended for approval \$178,961,955

### Grant Review Comments

The panelists/advisory committee members provided information on the merit of the proposal, which includes an overall rating. The number of proposals above includes pre-proposals submitted to NSF for review. The pre-proposals are not included in the number of "grants recommend" or "dollar value of grants" recommended for approval.

### How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO



Online Agency Web Site



Online Committee Web Site



Online GSA FACA Web Site



Publications



Other



### Access Comments

N/A